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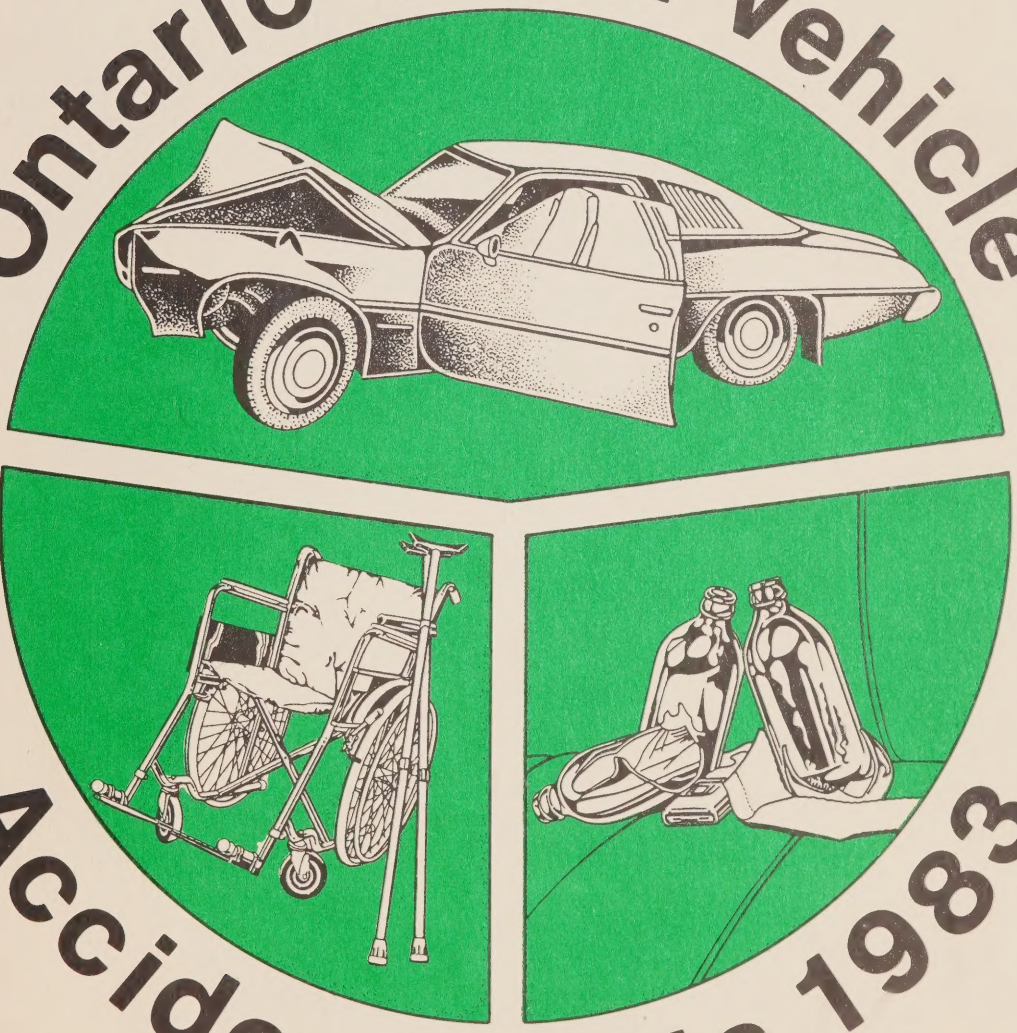

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Motor Vehicle Accident Facts — 1983

Ontario

Ministry of
Transportation and
Communications

Safety & Regulation
Transportation Regulation
Development Branch
Safety Co-ordination
& Development Office

Hon. James Snow, Minister
Harold Gilbert, Deputy Minister

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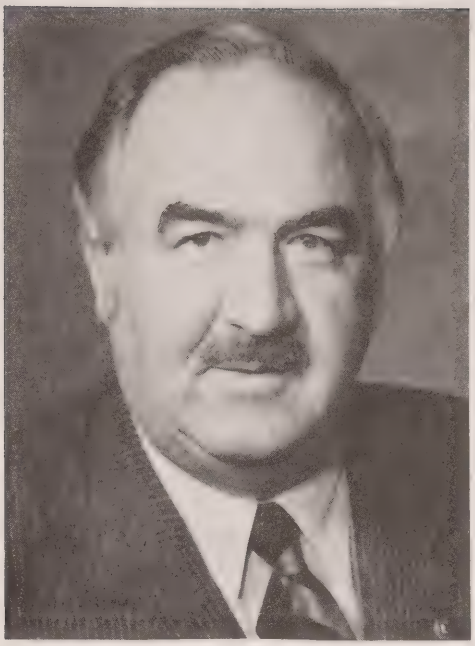

James Snow

Minister's Message

Over the last 10 years, we have managed to decrease the annual number of motor vehicle accident fatalities by almost one third despite the population growth and increase in licensed drivers and registered vehicles. The number of injuries also shows a long-term decline.

However, this reduction is still not good enough. There were 1,204 persons killed and 91,706 injured in accidents during 1983.

Comparing 1983 with the previous year, 1982, there were both improvements and setbacks. The number of deaths increased by 5.8 per cent, but injuries declined 1.2 per cent. As well, the total number of accidents declined 3.2 per cent.

Motorcycle safety continues to be one of my main highway safety concerns. I'm pleased to report there were six fewer motorcycle drivers and three fewer passengers killed in '83. However, with the good comes the bad. Injuries continue to climb — a 9.2 per cent rise in motorcycle drivers injured and 2.6 per cent more passengers.

It seems no matter what we do to try and make it safe for motorists, we continue to see abuse of the law. This is particularly evident in our motorcycle fatal accident statistics when we note the same factors involved: unlicensed and inexperienced drivers, alcohol impairment and failure to wear helmets.

This is also true for other types of accidents. We legislate laws to protect road users, but unfortunately, we can't seem to legislate common sense. Almost 60 per cent of all drivers involved in accidents in 1983 were not driving properly. Fifty-one per cent of the drivers killed died in alcohol-related mishaps while 465 drivers and passengers were killed who had seat belts available but weren't using them.

In 1984, we will continue our efforts to decrease these statistics and maintain the long-term trend of decreasing annual numbers of accident casualties. Yet in the final analysis, the ultimate responsibility for safety on our roads and streets rests with you, Ontario's drivers.

James Snow
Minister of
Transportation and Communications

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Motor Vehicle Accidents
1974 - 1983

Year	Fatalities	Fatal Accidents	Personal Injury Accidents	All Motor Vehicle Accidents
1974	1,748	1,470	66,352	204,271
1975	1,800	1,520	65,811	213,689
1976	1,511	1,265	58,028	211,865
1977	1,420	1,213	63,787	218,567
1978	1,450	1,263	62,664	186,363*
1979	1,560	1,316	67,201	197,196
1980	1,508	1,296	67,391	196,501
1981	1,445	1,234	67,292	198,372
1982	1,138	997	62,956	187,943
1983	1,204	1,042	62,735	181,999

*Minimum reportable property damage amount changed from $200 to $400 on January 1, 1978.

Trends in Motor Vehicle Accidents
Death and Injury Rates over the Period 1974 - 1983

Between 1974 and the end of 1983, Ontario's population, the number of licensed drivers and motor vehicle registrations were all on the rise. Motor vehicle accidents have generally been on a downward trend during this period.

In the past year, the number of deaths increased 5.8% from 1,138 deaths in 1982 to 1,204 deaths in 1983. The population grew from 8.71 million to 8.82 million. The death rate per 100,000 population increased to 13.7 from 13.1 last year. The death rate over the past ten years ranges from 21.9 to 13.1. The 1983 death rate of 13.7 is the second lowest since the year 1944 at which time the population was 3.96 million and the death rate was 12.6 per 100,000 population.

There was a slight decrease in the number of persons injured, from 92,815 in 1982 to 91,706 this year. The 1983 injury rate per 100,000 population decreased to 1040.2 from 1067.0 in 1982.

Last year, the number of motor vehicle accidents reported totalled 181,999 a decrease of 3.2% against the 1982 total of 187,943. There were increases of 4.5% in fatal accidents and 5.8% in persons killed. The personal injury accidents and persons injured decreased 0.4% and 1.2% respectively.

The motor vehicle accident rate per one million kilometres travelled this year remained the same as last year at 2.8 and the fatal accident rate per 100 million kilometres travelled increased from 1.5 to 1.6. The death rate per 100 million kilometres travelled increased from 1.7 in 1982 to 1.8 this year. The 1983 death rate of 1.8 is the second lowest since 1955.

The number of kilometres driven in 1983 was estimated at 65,358,842,000, a decrease of 0.6% from the 1982 figure of 65,750,705,000.

Synopsis

During 1983, there were 181,999 reported motor vehicle accidents, a decrease of 3.2% from the total of 187,943 accidents reported in 1982. This year, there were increases of 4.5% in fatal accidents and 5.8% in persons killed Accidents involving personal injuries decreased 0.4% and persons injured decreased 1.2%. Property damage only accidents decreased 4.6%.

Drivers killed and injured (excluding motorcycle and moped drivers) increased 8.4% and 01.%. Passengers killed increased 2.0% while injuries decreased 4.1%.

Motorcycle driver fatalities decreased 5.8% while injuries increased 9.2%. Motorcycle passengers killed decreased 13.6% and injuries increased 2.6%. Bicyclists killed and injured increased 19.5% and 3.4% respectively.

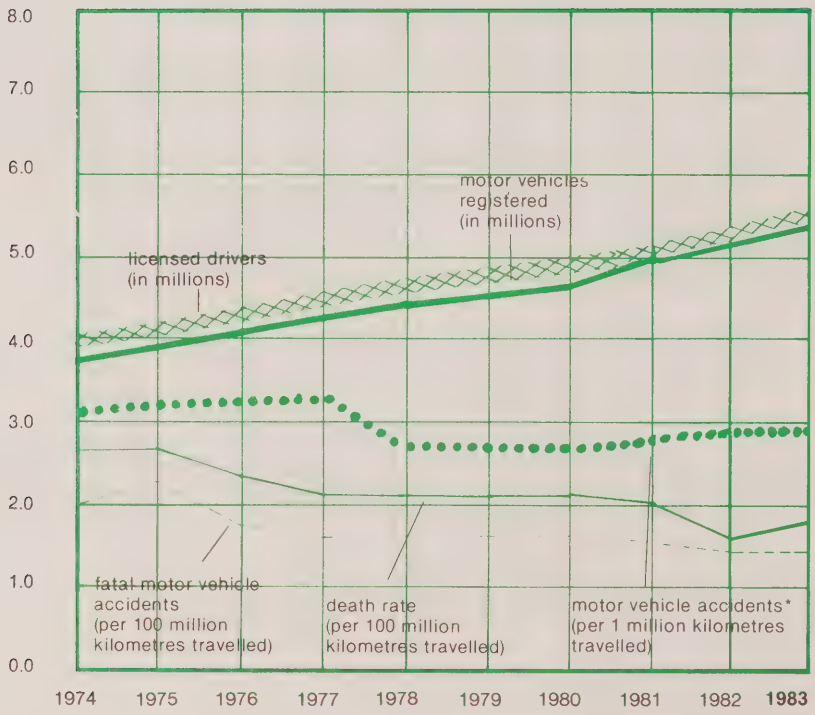
COMPARATIVE STATISTICS 1982—1983

	1982	1983	% of Change
Total Reportable Motor Vehicle Accidents	187,943	**181,999**	—3.2
Fatal Accidents	997	**1,042**	+4.5
Personal Injury Accidents	62,956	**62,735**	—0.4
Property Damage Only Accidents	123,990	**118,222**	—4.6
Persons Killed	1,138	**1,204**	+5.8
Persons Injured	92,815	**91,706**	—1.2
Vehicle Accident Rate per Million Kilometres Travelled*	2.9	**2.8**	—3.4
Fatal Accident Rate per 100 Million Kilometres Travelled*	1.5	**1.6**	+6.7
Death Rate per 100 Million Kilometres Travelled*	1.7	**1.8**	+5.9
Motor Vehicles Registered	5,060,195	**5,209,950***	+2.9
Millions of Vehicle Kilometres Travelled	65,751**	**65,359****	—0.6
Ontario Population	8,715,800*	**8,815,900***	+1.1
Licensed Drivers	5,247,198	**5,380,259**	+2.5
Amount of Property Damage	$388,811,531*	**$407,104,879***	+4.7

*Estimated

**Kilometres travelled estimated on the basis of 22.08 kilometres per gallon of taxed gasoline and motor fuel.

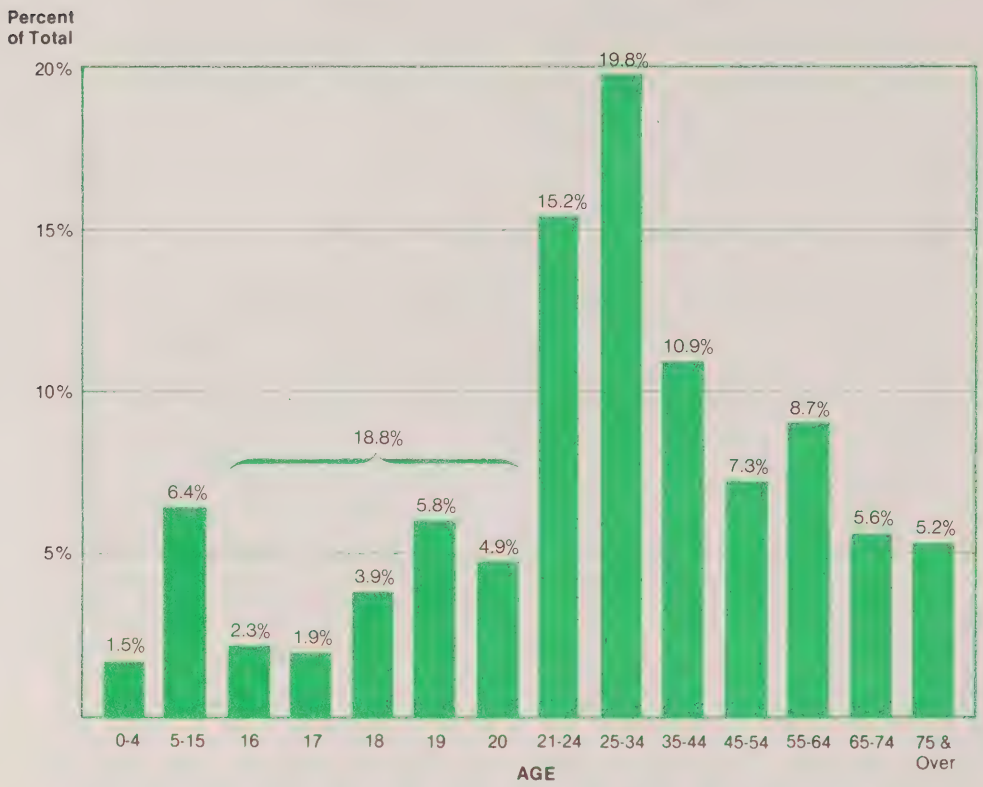
Trends in Motor Vehicle Registrations, Licensed Drivers, Motor Vehicle Accident Rates, Death Rates, Fatal Accident Rates 1974 - 1983



*On January 1, 1978 the reporting criterion for property damage only accidents was raised from $200 to $400.

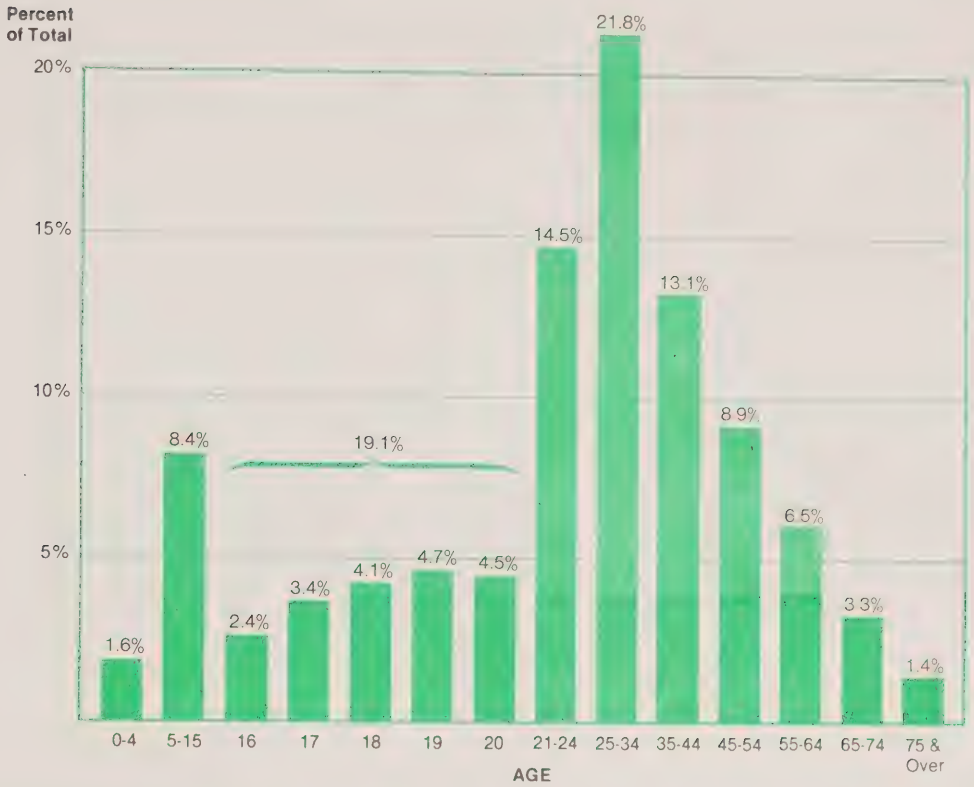
Deaths & Injuries

Class of Victims Killed — by Age — 1983



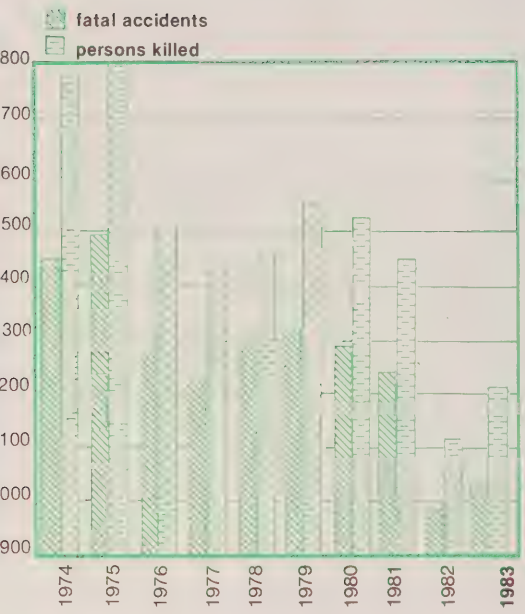
Victim	Total	Class of Victims Killed — By Age — 1983														
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Not Stated
Driver	528	—	2	6	6	16	20	25	93	125	86	51	49	30	18	1
Passenger	302	8	25	12	11	15	24	11	49	48	22	20	26	11	18	2
Pedestrian	204	9	22	4	3	4	6	11	12	29	14	12	28	24	26	—
Bicyclist	49	1	21	5	1	1	2	—	—	6	2	3	1	3	1	2
Moped Driver	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—
Motorcycle Driver	98	—	5	1	2	7	16	8	26	25	6	2	—	—	—	—
Motorcycle Passenger	19	—	2	—	—	3	2	3	2	6	1	—	—	—	—	—
Other	3	—	—	—	—	1	—	—	1	—	—	—	1	—	—	—
Total	1,204	18	77	28	23	47	70	59	183	239	131	88	105	68	63	5

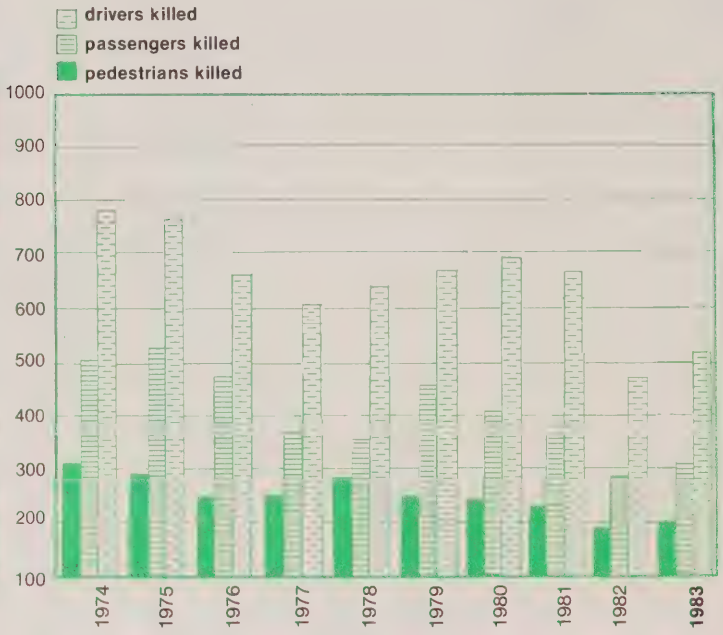
Class of Victims Injured — by Age — 1983



Victim	Total	Class of Victims Injured — By Age — 1983														
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Not Stated
Driver	45,440	4	71	658	1,194	1,581	1,775	1,894	6,830	12,341	8,205	5,336	3,483	1,508	490	70
Passenger	30,283	1,131	4,241	951	1,240	1,385	1,511	1,385	4,049	5,111	2,866	2,245	1,966	1,201	596	405
Pedestrian	5,618	253	1,629	117	127	125	171	151	444	737	421	406	405	306	234	92
Bicyclist	4,002	31	1,493	207	171	157	166	141	462	395	146	68	43	20	9	493
Moped Driver	44	—	1	1	4	5	2	4	7	5	3	5	2	4	—	1
Motorcycle Driver	5,143	—	97	190	313	439	563	495	1,313	1,230	328	107	32	17	1	18
Motorcycle Passenger	954	3	83	79	80	97	117	102	209	133	34	8	3	1	—	5
Other	222	8	51	9	11	8	9	7	25	21	22	16	15	6	3	11
Total	91,706	1,430	7,666	2,212	3,140	3,797	4,314	4,179	13,339	19,973	12,025	8,191	5,949	3,063	1,333	1,095

Fatal Accidents and Persons Killed
1974 - 1983





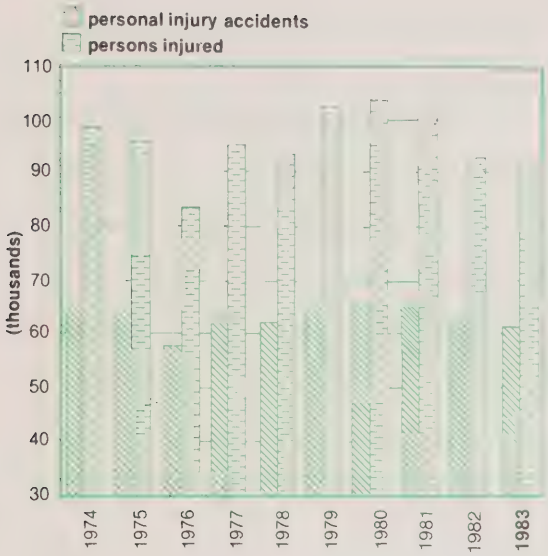
FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

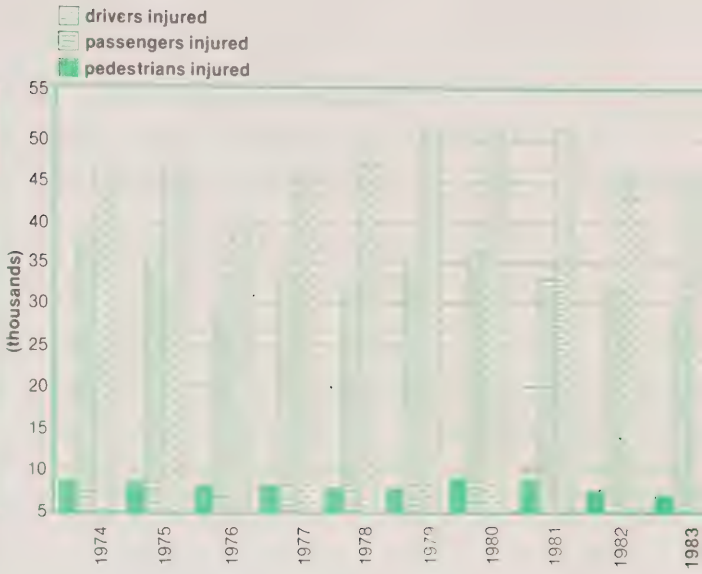
Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1974	8,094,000	778	13.4	513	6.3	305	3.8	152	1.9	1,748	21.6
1975	8,226,000	774	13.0	540	6.6	294	3.6	192	2.3	1,800	21.9
1976	8,265,000	648	10.8	461	5.6	251	3.0	151	1.8	1,511	18.3
1977	8,373,000	609	10.1	393	4.7	252	3.0	166	2.0	1,420	17.0
1978	8,444,000	623	9.9	383	4.5	284	3.4	160	1.9	1,450	17.2
1979	8,546,000	668	10.4	468	5.5	273	3.2	151	1.8	1,560	18.3
1980	8,570,000	682	10.5	413	4.8	266	3.1	147	1.7	1,508	17.6
1981	8,625,000	657	9.9	393	4.6	237	2.7	158	1.8	1,445	16.8
1982	8,715,000	487	7.3	296	3.4	179	2.1	176	2.0	1,138	13.1
1983	**8,816,000**	**528**	**7.8**	**302**	**3.4**	**204**	**2.3**	**170**	**1.9**	**1,204**	**13.7**

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others".)

**Rate per 100,000 population 16 years of age and over.

Personal Injury Accidents and Persons Injured 1974 - 1983





NON-FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1974	8,094,000	46,621	806.1	37,020	457.4	7,444	92.0	7,588	93.7	98,673	1,219.1
1975	8,226,000	45,847	772.7	35,658	433.5	7,299	88.7	8,230	100.0	97,034	1,179.6
1976	8,265,000	39,631	659.8	29,553	357.6	7,218	87.3	7,334	88.7	83,736	1,013.1
1977	8,373,000	45,620	756.7	34,854	416.3	6,998	83.6	8,192	97.8	95,664	1,142.5
1978	8,444,000	46,953	746.8	34,578	409.5	6,314	74.8	7,494	88.7	94,979	1,124.8
1979	8,546,000	50,618	787.5	36,332	425.1	6,436	75.3	7,935	92.9	101,321	1,185.6
1980	8,570,000	50,653	778.7	35,982	419.8	6,548	76.4	8,184	95.5	101,367	1,182.8
1981	8,625,000	50,574	765.8	34,450	399.4	6,344	73.6	8,953	103.8	100,321	1,163.1
1982	8,715,000	45,409	677.6	31,588	362.4	5,981	68.6	9,837	112.9	92,815	1,065.0
1983	**8,816,000**	**45,440**	**667.1**	**30,283**	**343.5**	**5,618**	**63.7**	**10,365**	**117.6**	**91,706**	**1,040.2**

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others".)

**Rate per 100,000 population 16 years of age and over.

Motorcycle Accident Statistics

During 1983, the number of Motorcyclists killed decreased 7.1% while injuries increased 8.1%.

The motorcycle driver fatality rate per 100,000 drivers in 1983 decreased from 35.2 in 1982 to 29.8 this year. The motorcycle driver injury rate per 100,000 drivers decreased from 1,592.4 in 1982 to 1,565.5 this year.

The number of licensed drivers authorized to operate motorcycles increased 11.0% from 295,832 in 1982 to 328,518. Motorcycle registrations were up 11.4% from 119,641 in 1982 to an estimated 133,300 this year.

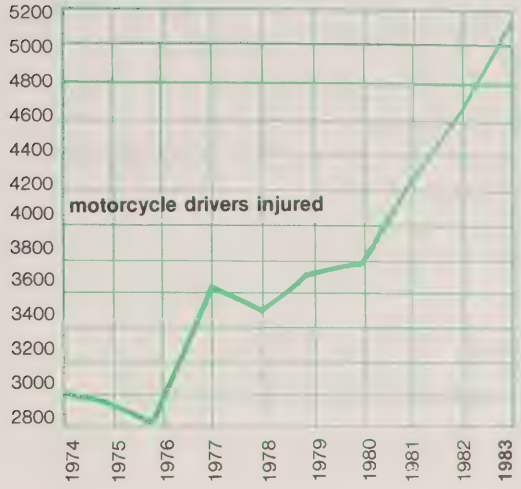
Summary of Factors Relevant To Motorcycle Fatal Accidents	1982	1983
• Unlicensed Motorcycle Drivers	34%	**33%**
• Young, Inexperienced Motorcycle Drivers		
• Under 25 Years Old	65%	**65%**
• Valid "M" Licence Less Than One Year	21%	**16%**
• Alcohol Used (Fatalities)	62%	**65%**
• Helmet Not Worn (Fatalities)	15%	**14%**
• Motorcycle Driver Error		
• Speed Too Fast/Lost Control	53%	**55%**
• Other Error	18%	**23%**
• Single Vehicle Accidents	46%	**36%**
• Time of Occurrence		
• Day/Night	50/50	**50/50**
• Weekend	50%	**50%**

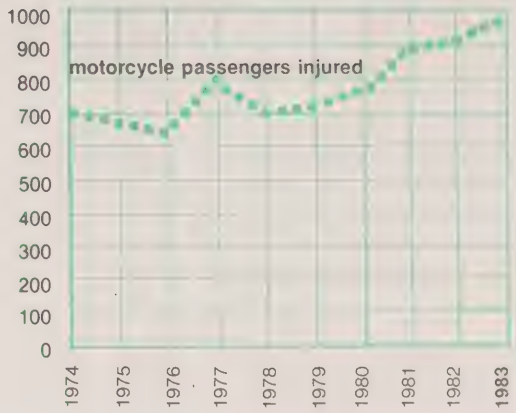
Year	MOTORCYCLISTS KILLED AND INJURED*							
	Drivers				Passengers			
	Killed	% + −	Injured	% + −	Killed	% + −	Injured	% + −
1974	86	+ 2.4	3,260	+ 24.3	13	− 18.8	708	+ 13.6
1975	97	+ 12.8	3,181	− 2.4	16	+ 23.1	679	− 4.1
1976	78	− 19.6	2,818	− 11.4	10	− 37.5	648	− 4.6
1977	88	+ 12.8	3,594	+ 27.5	17	+ 70.0	807	+ 24.5
1978	80	− 9.1	3,453	− 3.9	17	—	697	− 13.6
1979	75	− 6.2	3,667	+ 6.2	10	− 41.2	710	+ 1.9
1980	81	+ 8.0	3,696	+ 0.8	18	+ 80.0	772	+ 8.7
1981	94	+ 16.0	4,303	+ 16.4	13	− 27.8	886	+ 14.8
1982	104	+ 10.6	4,711	+ 9.5	22	+ 69.2	930	+ 5.0
1983†	**98**	**− 5.8**	**5,143**	**+ 9.2**	**19**	**− 13.6**	**954**	**+ 2.6**

*Excludes moped drivers and passengers.

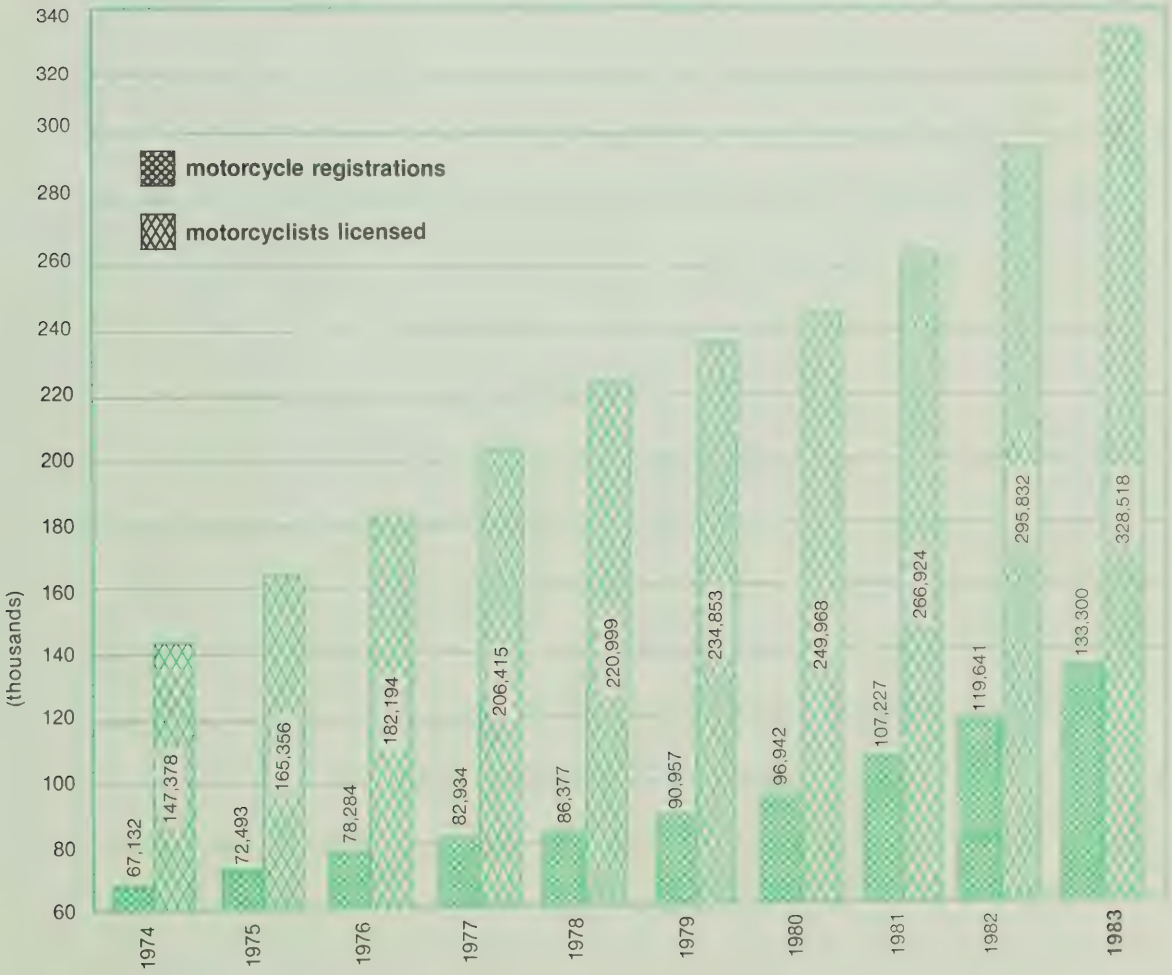
†Totals include 3 All Terrain Vehicle (A.T.V.) Driver fatalities and 74 injuries and 1 A.T.V. Passenger fatality and 13 injuries.

Motorcyclists Injured 1974 - 1983





Motorcycle Registrations and Licensed Motorcyclists 1974 - 1983



All Terrain Vehicle Accident Victims - 1983

ON HIGHWAY

VICTIMS	AGE GROUPS																	
	0-15		16-20		21-24		25-34		35-44		45-54		55-64		65+		TOTAL	
	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I
Driver - Male	2	15	—	25	—	9	1	9	—	3	—	2	—	—	—	2	3	65
Driver - Female	—	4	—	3	—	—	—	2	—	—	—	—	—	—	—	—	—	9
Passenger - Male	1	4	—	5	—	—	—	—	—	—	—	—	—	—	—	—	1	9
Passenger - Female	—	1	—	2	—	—	—	1	—	—	—	—	—	—	—	—	—	4
Pedestrian - Male	1	1	—	—	—	—	—	1	—	—	—	1	—	—	—	—	1	3
Pedestrian - Female	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Other Victim - Male	—	2	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	4
Other Victim - Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL	**4**	**29**	**—**	**36**	**—**	**10**	**1**	**13**	**—**	**3**	**—**	**3**	**—**	**—**	**—**	**2**	**5**	**96**

On Highway Accidents — 4 Fatal, 81 Personal Injury

OFF HIGHWAY

VICTIMS	AGE GROUPS																	
	0-15		16-20		21-24		25-34		35-44		45-54		55-64		65+		TOTAL	
	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I
Driver - Male	1	33	1	21	1	13	1	4	—	5	—	2	—	1	—	—	4	79
Driver - Female	—	5	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	6
Passenger - Male	—	10	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—	15
Passenger - Female	—	5	—	3	—	1	—	—	—	—	—	—	—	—	—	—	—	9
Pedestrian - Male	—	2	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	3
Pedestrian - Female	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Other Victim - Male	—	2	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	3
Other Victim - Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL	**1**	**58**	**1**	**30**	**1**	**14**	**1**	**4**	**—**	**7**	**—**	**2**	**—**	**1**	**—**	**—**	**4**	**116**

Off Highway Accidents — 4 Fatal, 84 Personal Injury, 2 Property Damage only.

Total
All Terrain Vehicle Accident Victims - 1983

VICTIMS	AGE GROUPS																	
	0-15		16-20		21-24		25-34		35-44		45-54		55-64		65+		TOTAL	
	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I
Driver - Male	3	48	1	46	1	22	2	13	—	8	—	4	—	1	—	2	7	144
Driver - Female	—	9	—	3	—	—	—	2	—	1	—	—	—	—	—	—	—	15
Passenger - Male	1	14	—	10	—	—	—	—	—	—	—	—	—	—	—	—	1	24
Passenger - Female	—	6	—	5	—	1	—	1	—	—	—	—	—	—	—	—	—	13
Pedestrian - Male	1	3	—	—	—	—	—	1	—	1	—	1	—	—	—	—	1	6
Pedestrian - Female	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3
Other Victim - Male	—	4	—	2	—	1	—	—	—	—	—	—	—	—	—	—	—	7
Other Victim - Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL	**5**	**87**	**1**	**66**	**1**	**24**	**2**	**17**	**—**	**10**	**—**	**5**	**—**	**1**	**—**	**2**	**9**	**212**

Total Accidents — 8 Fatal, 165 Personal Injury, 2 Property Damage only.

Summary of Factors Relevant to All-Terrain Vehicle Accidents 1983

Driver Error
- Speed Too Fast/Lost Control 54%
- Other Error 31%

Driver Condition
- Normal 80%
- Ability Impaired Alcohol/ Had Been Drinking 13%
- Unknown 7%

Drivers Killed/Injured - Age
- 15 years or less 36%
- 16 - 20 years 30%
- 21 - 24 years 14%

Helmet Worn
(Drivers) 94%

Time of Occurrence
- Day 75%
- Night 19%

Actions and Conditions of Pedestrians Killed and Injured 1982-1983

ACTIONS OF PEDESTRIANS KILLED AND INJURED 1982-83				
	1982		1983	
Action	Killed	Injured	Killed	Injured
Crossing Intersection With Right of Way	5	1,066	14	1,020
Crossing Intersection Without Right of Way	9	441	13	461
Crossing Intersection No Traffic Control	6	118	7	137
Crossing Pedestrian Crossover	3	194	2	157
Walking on Roadway With Traffic	16	228	19	149
Walking on Roadway Against Traffic	4	129	8	103
On Sidewalk or Shoulder	10	409	14	352
Coming from Behind Parked Vehicle or Object	4	425	3	372
Playing or Working on Highway	1	115	5	92
Running into Roadway	22	1,203	29	1,120
Crossing Through Traffic	53	813	48	803
Other	46	840	42	852
Total	**179**	**5,981**	**204**	**5,618**

CONDITION OF PEDESTRIANS KILLED AND INJURED 1982-1983				
	1982		1983	
Condition	Killed	Injured	Killed	Injured
Normal	89	4,831	119	4,300
Had Been Drinking	18	409	16	453
Ability Impaired by Alcohol	38	148	49	139
Ability Impaired by Drugs	—	7	—	8
Fatigue	1	3	—	7
Medical or Physical Defect	2	83	3	100
Not Known	29	426	16	522
Other	2	74	1	89
Total	**179**	**5,981**	**204**	**5,618**

Selected Characteristics

Selected Characteristics of Motor Vehicle Accidents

The following tables present motor vehicle accident information in relation to selected driver, vehicle, and road characteristics. Listings of accidents by various geographic areas of the province are included.

CONDITION OF DRIVER

	All Accidents				Fatal Accidents			
Condition	**1982**	**%**	**1983**	**%**	**1982**	**%**	**1983**	**%**
Apparently Normal	266,356	83.1	**259,265**	83.8	857	56.7	**998**	62.3
Ability Impaired by Alcohol	9,082	2.8	**8,472**	2.7	293	19.4	**338**	21.3
Had Been Drinking	17,358	5.4	**15,491**	5.0	198	13.1	**170**	10.7
Other	2,190	0.7	**2,216**	0.7	9	0.6	**4**	1.3
Not Known	25,487	7.9	**23,811**	7.7	155	10.2	**69**	4.4
Total	**320,473**	**100.0**	**309,255**	**100.0**	**1,512**	**100.0**	**1,585**	**100.0**

RECORDED OCCURRENCE OF ALCOHOL IN DRIVERS KILLED

	Number of Drivers*			
Recorded Occurrence	**1982**	**%**	**1983**	**%**
Apparently Normal	237	44.1	**303**	48.9
Ability Impaired By Alcohol	238	44.2	**259**	41.8
Had Been Drinking	63	11.7	**57**	9.2
Total	**538**	**100.0**	**619**	**100.0**

*Excludes cases where alcohol usage was not provided.

Driver Condition by Age and Apparent Driver Action in all Motor Vehicle Accidents 1982-1983

DRIVER CONDITION BY AGE IN ALL MOTOR VEHICLE ACCIDENTS

Driver's Age	Normal		Ability Impaired — Alcohol		Had Been Drinking		Other		Not Known		Total	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
Under 16	257	318	8	7	26	22	17	13	43	45	351	405
16	4,335	4,010	62	37	235	163	25	27	159	174	4,816	4,411
17	7,786	6,885	209	153	598	446	79	60	326	246	8,998	7,790
18	10,042	8,927	327	270	955	777	96	95	383	374	11,803	10,443
19	10,507	9,467	451	400	1,280	1,131	119	94	465	386	12,822	11,478
20	10,296	9,685	466	405	1,180	1,090	108	111	454	446	12,504	11,737
21 - 24	37,879	36,079	1,686	1,593	3,920	3,582	373	296	1,494	1,535	45,352	43,085
25 - 34	70,798	69,063	2,641	2,490	4,990	4,487	497	512	2,512	2,568	81,438	79,120
35 - 44	47,055	47,471	1,572	1,513	2,139	1,985	278	301	1,385	1,504	52,429	52,774
45 - 54	32,045	31,185	982	925	1,139	983	178	226	856	971	35,200	34,290
55 - 64	22,161	22,329	514	503	617	560	185	213	550	655	24,027	24,260
65 - 74	9,894	10,387	135	136	235	212	140	152	262	289	10,666	11,176
75 & Over	3,176	3,319	21	14	32	36	94	110	80	110	3,403	3,589
Not Known	125	140	8	26	12	17	1	6	16,518	14,508	16,664	14,697
Total	**266,356**	**259,265**	**9,082**	**8,472**	**17,358**	**15,491**	**2,190**	**2,216**	**25,487**	**23,811**	**320,473**	**309,255**

APPARENT DRIVER ACTION IN ALL MOTOR VEHICLE ACCIDENTS 1982-1983

Action	1982	% Of Total	1983	% of Total
Driving Properly	136,635	42.6	132,064	42.7
Following Too Close	15,510	4.8	15,829	5.1
Speed Too Fast	26,830	8.4	26,036	8.4
Improper Turn	11,910	3.7	12,165	3.9
Disobey Traffic Signal	6,092	1.9	6,044	2.0
Disobey Stop Sign	4,161	1.3	3,647	1.2
Fail to Yield Right of Way	35,266	11.0	33,604	10.9
Improper Passing	5,065	1.6	4,696	1.5
Lost Control	23,765	7.4	22,861	7.4
Wrong Way On One-Way Road	332	0.1	317	0.1
Disobey Other Control	186	0.1	148	0.1
Other*	24,882	7.8	23,140	7.5
Not Known	29,839	9.3	28,704	9.2
Total	**320,473**	**100.0**	**309,255**	**100.0**

*Includes actions defined as Careless Driving, Inattentive Driving, Fell Asleep, Hit and Run, On Wrong Side of Road, Improper Parking, Impaired, Illegally Parked, Dangerous Driving, Inexperience, etc.

Driver Seat Belt Usage by Nature of Injury 1982-1983

	DRIVER SEAT BELT USAGE BY NATURE OF INJURY — 1983*											
Nature of	Installed Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
Injury	1983	%	1983	%	1983	%	1983	%	1983	%	1983	%
Killed	302	1.22	129	0.05	73	0.9	7	0.2	17	0.1	**528**	0.2
Injured	7,505	30.4	35,111	14.1	1,946	23.0	476	15.0	402	2.1	**45,440**	15.0
Not Injured	16,835	68.3	212,764	85.8	6,424	76.1	2,703	84.8	18,400	97.8	**257,126**	84.8
Total	**24,642**	**100.0**	**248,004**	**100.0**	**8,443**	**100.0**	**3,186**	**100.0**	**18,819**	**100.0**	**303,094**	**100.0**

DRIVER SEAT BELT USAGE BY NATURE OF INJURY — 1982*												
Nature of	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
Injury	1982	%	1982	%	1982	%	1982	%	1982	%	1982	%
Killed	259	0.94	106	0.04	98	1.0	12	0.3	12	0.1	**487**	0.2
Injured	8,042	29.3	34,466	13.6	1,987	20.6	554	14.7	360	1.8	**45,409**	14.4
Not Injured	19,136	69.7	219,284	86.3	7,581	78.4	3,209	85.0	19,648	98.1	**268,858**	85.4
Total	**27,437**	**100.0**	**253,856**	**100.0**	**9,666**	**100.0**	**3,775**	**100.0**	**20,020**	**100.0**	**314,754**	**100.0**

*Excludes Motorcycle and Moped Drivers
Note: Mandatory usage of seat belts came into effect on January 1, 1976.

In 1983, 81.8% of the drivers involved in motor vehicle accidents were using their seat belts and 8.1% were not using them as compared to 80.7% of the drivers in 1982 who were using their seat belts and 8.7% were not.

During 1983, there were 8.4% more driver fatalities and drivers injured increased 0.06%. Out of the 24,642 drivers involved who had seat belts installed but were not using them 1.22% (302) were killed, 30.4% (7,505) were injured and 68.3% (16,835) were not injured. In comparison, 0.05% (129) of the drivers who were using their seat belts were killed, 14.1% (35,111) were injured and 85.8% (212,764) were not injured.

Driver Severity of Injury by Seat Belt Usage 1982-1983

DRIVER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1983*								
Severity of Injury	Installed — In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1983	%	1983	%	1983	%	1983	%
None	212,764	85.8	19,538	70.2	24,824	91.1	**257,126**	84.8
Minimal	22,015	8.9	3,549	12.8	925	3.4	**26,489**	8.7
Minor	11,323	4.6	3,184	11.4	898	3.3	**15,405**	5.1
Major	1,773	0.7	1,248	4.5	525	1.9	**3,546**	1.2
Fatal	129	0.05	309	1.11	90	0.3	**528**	0.2
Total	**248,004**	**100.0**	**27,828**	**100.0**	**27,262**	**100.0**	**303,094**	**100.0**

DRIVER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1982*								
Severity of Injury	Installed — In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1982	%	1982	%	1982	%	1982	%
None	219,284	86.4	22,345	71.6	27,229	91.7	**268,858**	85.4
Minimal	21,624	8.5	3,946	12.6	926	3.1	**26,496**	8.4
Minor	11,253	4.4	3,392	10.9	927	3.1	**15,572**	4.9
Major	1,589	0.6	1,258	4.0	494	1.7	**3,341**	1.1
Fatal	106	0.04	271	0.86	110	0.4	**487**	0.2
Total	**253,856**	**100.0**	**31,212**	**100.0**	**29,686**	**100.0**	**314,754**	**100.0**

*Excludes Motorcycle & Moped Drivers

Definitions of injuries:

Minimal — Persons did not go to a hospital when leaving the scene of the accident. This includes minor abrasions and bruises, complaint of pain, etc, providing the person chose not to go to a hospital.

Minor – Persons with injuries or complaint of pain that went to a hospital but were treated in the emergency room and released (not admitted to a hospital).

Major — Persons with injuries or complaint of pain that went to a hospital and were subsequently admitted. This includes admitted for observation only.

Passenger Seat Belt Usage by Nature of Injury 1982-1983

	PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1983*											
Nature of Injury	Installed Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1983	%	1983	%	1983	%	1983	%	1983	%	1983	%
Killed	163	0.87	75	0.06	42	0.8	19	0.3	3	0.1	**302**	0.2
Injured	6,697	36.0	19,918	16.0	1,235	22.9	2,119	28.9	314	4.1	**30,283**	18.6
Not Injured	11,743	63.1	104,116	83.9	4,105	76.3	5,194	70.8	7,286	95.8	**132,444**	81.2
Total	**18,603**	**100.0**	**124,109**	**100.0**	**5,382**	**100.0**	**7,332**	**100.0**	**7,603**	**100.0**	**163,029**	**100.0**

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1982*												
Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1982	%	1982	%	1982	%	1982	%	1982	%	1982	%
Killed	137	0.62	66	0.05	51	0.7	30	0.3	12	0.2	**296**	0.2
Injured	7,458	33.8	19,998	15.7	1,356	18.5	2,541	27.1	235	3.6	**31,588**	18.2
Not Injured	14,457	65.5	107,605	84.2	5,923	80.8	6,813	72.6	6,320	96.2	**141,118**	81.6
Total	**22,052**	**100.0**	**127,669**	**100.0**	**7,330**	**100.0**	**9,384**	**100.0**	**6,567**	**100.0**	**173,002**	**100.0**

* Excludes motorcycle and non-injured bus passengers.

Note: Mandatory usage of seat belts came into effect on January 1, 1976.

In 1983, 76.1% of the passengers involved in motor vehicle accidents were using their seat belts and 11.4% were not as compared to 73.8% of the passengers in 1982 who were using their seat belts and 12.7% were not.

This year, there was a 2.0% increase in passenger fatalities and 4.1% decrease in passengers injured. Out of the 18,603 passengers involved who had seat belts installed but were not using them, 0.87% (163) were killed, 36.0% (6,697) were injured and 63.1% (11,743) were not injured. In comparison, 0.06% (75) of the 124,109 passengers who were using their seat belts were killed, 16.0% (19,918) were injured and 83.9% (104,116) were not injured.

CHILD RESTRAINT SYSTEMS

During 1982, there were 3,341 children involved in motor vehicle accidents that had child restraint systems available. The in-use data shows that 1 child was killed, 246 were injured and 3,017 were not injured. The remaining 1 child killed, 18 injured and 58 not injured were not using restraint systems or usage was unknown.

During 1983, there were 4,398 children involved in motor vehicle accidents who had child restraint systems available. The in-use data shows that 1 child was killed, 331 injured and 3,968 not injured. The remaining 2 children killed, 33 injured and 63 not injured were not using restraint systems or usage was unknown.

Passenger Severity of Injury by Seat Belt Usage 1982-1983

PASSENGER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1983*

Severity of Injury	Installed In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1983	%	1983	%	1983	%	1983	%
None	104,392	83.9	13,494	60.0	14,558	90.1	**132,444**	81.2
Minimal	12,033	9.7	3,944	17.5	630	3.9	**16,607**	10.2
Minor	6,877	5.5	3,725	16.6	644	4.0	**11,246**	6.9
Major	1,008	0.8	1,147	5.1	275	1.7	**2,430**	1.5
Fatal	75	0.06	182	0.80	45	0.3	**302**	0.2
Total	**124,385**	**100.0**	**22,492**	**100.0**	**16,152**	**100.0**	**163,029**	**100.0**

PASSENGER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1982*

Severity of Injury	Installed In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1982	%	1982	%	1982	%	1982	%
None	107,605	84.3	21,270	67.7	12,243	88.1	**141,118**	81.6
Minimal	12,182	9.5	4,620	14.7	657	4.7	**17,459**	10.1
Minor	6,803	5.3	4,174	13.3	657	4.7	**11,634**	6.7
Major	1,013	0.8	1,205	3.8	277	2.0	**2,495**	1.4
Fatal	66	0.05	167	0.53	63	0.5	**296**	0.2
Total	**127,669**	**100.0**	**31,436**	**100.0**	**13,897**	**100.0**	**173,002**	**100.0**

*Excludes motorcycle and non-injured bus passengers.
Note: Refer to page 19 for definition of injuries

INJURIES & FATALITIES TO CHILD PASSENGERS 0 - 4 YEARS OLD

		0-24* months	2 years	3 years	4 years	Total
1983	Killed	3	2	1	2	8
	Injured	187	300+	299	349+	1,135
1982	Killed	5	2	1	2	10
	Injured	234	325	342	423	1,324
1981	Killed	8	2	6	4	20
	Injured	387	349[a]	428[a]	433	1,597
1980	Killed	9	3	1	5	18
	Injured	401	424	410	462+	1,697
1979	Killed	7	4	3	3	17
	Injured	422	419	448	425	1,714
1978	Killed	7	7	—	3	17
	Injured	385	401	442	448	1,676
1977	Killed	5	3	3	2	13
	Injured	388	464	408	458	1,718
7 YEAR TOTAL	**Killed**	**44**	**23**	**15**	**21**	**103**
	Injured	**2,404**	**2,682**	**2,777**	**2,998**	**10,861**

* Note: 2 year period.
[a] Includes 1 child listed as a driver, as he/she set the vehicle in motion.
\+ Includes 2 children listed as drivers as they set the vehicle in motion.

SEVERITY OF INJURY BY CLASS OF PERSONS INVOLVED — 1982-1983

Class of Victim	Severity of Injury — 1983					
	None	Minimal	Minor	Major	Fatal	Total
Driver	257,126	26,489	15,405	3,546	528	**303,094**
Passenger*	176,044	16,607	11,246	2,430	302	**206,629**
Pedestrian	317	1,882	2,680	1,056	204	**6,139**
Bicyclist	136	1,977	1,690	335	49	**4,187**
Moped Driver	3	17	21	6	1	**48**
Motorcycle Driver	860	1,824	2,289	1,030	98	**6,101**
Motorcycle Passenger	210	313	444	197	19	**1,183**
Other	11,803	98	84	40	3	**12,028**
Total	**446,499**	**49,207**	**33,859**	**8,640**	**1,204**	**539,409**

Class of Victim	Severity of Injury — 1982					
	None	Minimal	Minor	Major	Fatal	Total
Driver	268,858	26,496	15,572	3,341	487	**314,754**
Passenger *	186,038	17,459	11,634	2,495	296	**217,922**
Pedestrian	165	1,968	2,931	1,082	179	**6,325**
Bicyclist	128	1,916	1,648	305	41	**4,038**
Moped Driver	11	21	28	11	1	**72**
Motorcycle Driver	808	1,699	2,102	910	104	**5,623**
Motorcycle Passenger	221	336	431	163	22	**1,173**
Other	12,749	113	117	37	8	**13,024**
Total	**468,978**	**50,008**	**34,463**	**8,344**	**1,138**	**562,931**

*Includes Bus Passengers
Note: Refer to page 19 for definition of injuries.

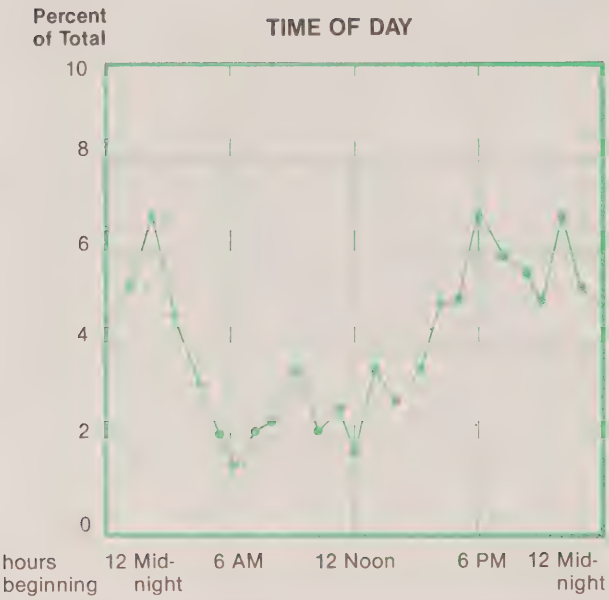
During 1983, 539,409 persons were involved in reportable motor vehicle accidents: 0.2% (1,204) were killed, 17.0% (91,706) were injured and 82.8% (446,499) were not injured. Out of the 91,706 persons injured, 53.6% (49,207) suffered minimal injuries, 36.9% (33,859) minor injuries and 9.4% (8,640) major injuries.

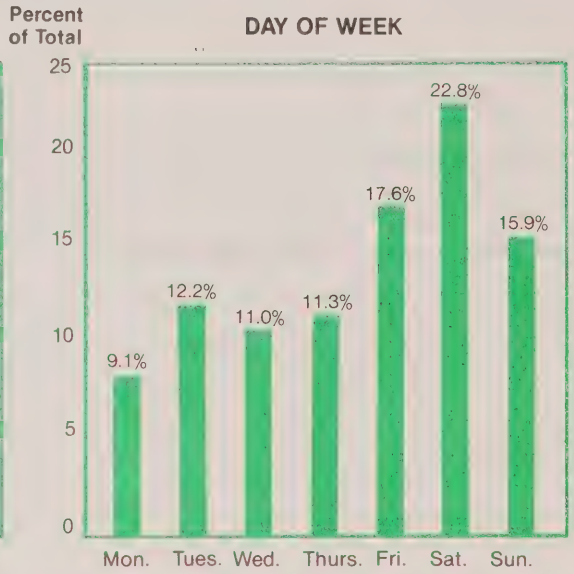
Licensed Drivers as Compared with Drivers Involved in Motor Vehicle Accidents — by Age 1982-1983

Drivers' Age	DRIVERS						% of Drivers of Each Age Involved in Accidents 1983		
	Licensed — 1983			Involved in Accidents — 1983					
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 16	—	—	—	342	63	405	—	—	—
16	19,045	10,775	**29,820**	3,268	1,143	**4,411**	17.2	10.6	**14.8**
17	44,024	29,881	**73,905**	5,824	1,966	**7,790**	13.2	6.8	**10.5**
18	57,611	40,963	**98,574**	7,958	2,485	**10,443**	13.8	6.1	**10.6**
19	68,294	49,885	**118,179**	8,908	2,570	**11,478**	13.0	5.2	**9.7**
20	73,172	55,211	**128,383**	9,062	2,675	**11,737**	12.4	4.8	**9.1**
21 - 24	306,640	247,010	**553,650**	32,576	10,509	**43,085**	10.6	4.3	**7.8**
25 - 34	724,796	634,554	**1,359,350**	57,542	21,578	**79,120**	7.9	3.4	**5.8**
35 - 44	602,814	500,589	**1,103,403**	37,348	15,426	**52,774**	6.2	3.1	**4.8**
45 - 54	461,842	331,091	**792,933**	25,427	8,863	**34,290**	5.5	2.7	**4.3**
55 - 64	387,349	263,338	**650,687**	18,501	5,759	**24,260**	4.8	2.2	**3.7**
65 - 74	223,011	136,721	**359,732**	8,300	2,876	**11,176**	3.7	2.1	**3.1**
75 & Over	77,220	34,423	**111,643**	2,808	781	**3,589**	3.6	2.3	**3.2**
Unknown	—	—	—	—	—	**14,697**	—	—	—
Total	**3,045,818**	**2,334,441**	**5,380,259**	**217,864**	**76,694**	**309,255**	**7.2**	**3.3**	**5.7**

Drivers' Age	DRIVERS						% of Drivers of Each Age Involved in Accidents 1982		
	Licensed — 1982			Involved in Accidents — 1982					
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 16	—	—	—	303	48	**351**	—	—	—
16	21,545	11,608	**33,153**	3,694	1,121	**4,815**	17.1	9.6	**14.5**
17	48,726	32,165	**80,891**	6,842	2,156	**8,998**	14.0	6.7	**11.1**
18	63,326	44,015	**107,341**	9,205	2,598	**11,803**	14.5	5.9	**11.0**
19	70,041	50,710	**120,751**	10,171	2,650	**12,821**	14.5	5.2	**10.6**
20	73,262	54,876	**128,138**	9,812	2,692	**12,504**	13.4	4.9	**9.8**
21 - 24	300,373	241,607	**541,980**	34,791	10,561	**45,352**	11.6	4.4	**8.4**
25 - 34	711,582	617,392	**1,328,974**	59,958	21,479	**81,437**	8.4	3.5	**6.1**
35 - 44	579,418	472,004	**1,051,422**	37,550	14,879	**52,429**	6.5	3.2	**5.0**
45 - 54	457,446	321,789	**779,235**	26,605	8,594	**35,199**	5.8	2.7	**4.5**
55 - 64	375,473	252,658	**628,131**	18,398	5,629	**24,027**	4.9	2.2	**3.8**
65 - 74	216,667	128,045	**344,712**	8,241	2,425	**10,666**	3.8	1.9	**3.1**
75 & Over	72,057	30,413	**102,470**	2,714	689	**3,403**	3.8	2.3	**3.3**
Unknown	—	—	—	—	—	**16,668**	—	—	—
Total	**2,989,916**	**2,257,282**	**5,247,198**	**228,284**	**75,521**	**320,473**	**7.6**	**3.3**	**6.1**

Persons Killed by Time of Day and Week
1983





PERSONS KILLED BY TIME OF DAY AND DAY OF WEEK — 1983									
Time	**Total**	**%**	**Mon.**	**Tues.**	**Wed.**	**Thur.**	**Fri.**	**Sat.**	**Sun.**
12 - 01 A.M.	**67**	5.6	3	10	5	1	11	18	19
01 - 02 "	**84**	7.0	1	5	2	1	15	35	25
02 - 03 "	**58**	4.8	—	3	6	6	7	16	20
03 - 04 "	**39**	3.2	1	1	3	1	3	9	21
04 - 05 "	**26**	2.2	1	—	1	4	1	10	9
05 - 06 "	**18**	1.5	2	3	—	1	2	7	3
06 - 07 "	**27**	2.2	5	5	5	3	5	3	1
07 - 08 "	**30**	2.5	6	3	2	4	6	4	5
08 - 09 "	**42**	3.5	9	3	11	5	4	6	4
09 - 10"	**25**	2.1	6	3	2	6	2	3	3
10 - 11 "	**32**	2.7	5	5	8	4	1	8	1
11 - 12 "	**21**	1.7	2	6	4	2	2	4	1
12 - 01 P.M.	**44**	3.7	5	7	6	4	6	9	7
01 - 02 "	**34**	2.8	1	3	5	5	9	9	2
02 - 03 "	**42**	3.5	4	4	8	6	10	5	5
03 - 04 "	**60**	5.0	6	13	6	2	18	12	3
04 - 05 "	**61**	5.0	8	8	9	5	11	12	8
05 - 06 "	**85**	7.1	10	16	11	10	8	19	11
06 - 07 "	**71**	5.9	7	8	6	10	17	18	5
07 - 08 "	**66**	5.5	4	12	8	9	10	9	14
08 - 09 "	**61**	5.0	5	8	5	11	7	19	6
09 - 10"	**84**	7.0	9	7	9	15	20	18	6
10 - 11"	**62**	5.1	6	5	4	11	26	7	3
11 - 12"	**56**	4.7	4	8	6	8	10	14	6
Unkown	**9**	0.7	—	1	—	2	1	1	4
Total	**1,204**	**100.0**	**110**	**147**	**132**	**136**	**212**	**275**	**192**

Motor Vehicle Deaths by Month of Occurrence
1974 - 1983

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
January	94	139	71	74	61	113	108	93	68	73
February	89	85	76	74	73	75	98	86	37	62
March	118	114	86	89	64	97	92	102	72	66
April	101	77	96	82	92	108	86	88	68	82
May	150	136	129	121	111	110	135	137	96	110
June	150	148	147	150	146	155	143	126	102	132
July	191	200	166	165	176	137	182	173	137	131
August	214	203	191	162	164	187	164	158	132	138
September	173	189	144	121	159	153	171	127	114	126
October	170	181	126	141	156	140	112	120	123	100
November	175	169	126	124	132	126	123	126	100	95
December	123	159	153	117	116	159	94	109	89	89
Total	1,748	1,800	1,511	1,420	1,450	1,560	1,508	1,445	1,138	1,204

Motor Vehicle Injuries by Month of Occurrence
1974 - 1983

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
January	7,088	6,489	6,152	8,629	7,774	7,790	6,098	7,856	7,742	6,325
February	5,909	6,923	5,228	5,886	5,730	6,967	6,756	6,963	6,406	5,098
March	7,047	6,546	5,204	5,856	6,047	6,469	6,804	6,591	6,422	6,153
April	6,487	5,922	5,608	6,653	5,956	6,903	6,918	6,663	6,338	6,086
May	8,302	8,480	6,702	7,885	7,745	8,011	8,323	8,986	7,480	7,957
June	9,553	9,628	7,824	8,416	8,589	9,138	9,309	9,059	8,600	8,877
July	9,761	9,006	8,439	9,478	9,376	9,455	9,674	10,113	9,214	9,055
August	9,750	9,898	8,187	9,020	9,114	9,501	9,932	10,237	8,875	8,930
September	8,709	8,562	7,683	8,997	9,168	9,067	9,385	8,664	8,112	8,061
October	8,458	8,231	7,750	8,342	8,407	9,500	9,555	8,931	7,914	8,467
November	8,821	8,651	6,651	8,616	8,410	9,210	9,205	7,961	8,063	8,305
December	8,788	8,698	8,308	7,886	8,663	9,310	9,408	8,297	7,649	8,392
Total	98,673	97,034	83,736	95,664	94,979	101,321	101,367	100,321	92,815	91,706

Fatal Motor Vehicle Accidents and Fatalities/ Injuries on Long Weekends

LONG WEEKEND FATAL MOTOR VEHICLE ACCIDENTS — 1983
(From Friday 6 p.m. to Monday Midnight)

Weekend	No. of Fatal Accidents	Drivers		Passengers		Other Victims*		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Victoria Day	14	7	2	7	7	5	2	19	11
Dominion Day***	20	7	6	7	10	9	5	23	21
Civic Day	14	6	5	6	9	8	1	20	15
Labour Day	12	7	3	3	5	3	1	13	9
Thanksgiving Day	8	8	4	—	6	1	1	9	11

LONG WEEKEND FATAL MOTOR VEHICLE ACCIDENTS — 1982
(From Friday 6 p.m. to Monday Midnight)

Weekend	No. of Fatal Accidents	Drivers		Passengers		Other Victims*		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Victoria Day	13	4	4	8	3	6	2	18	9
Dominion Day**	—	—	—	—	—	—	—	—	—
Civic Day	24	11	11	5	23	9	1	25	35
Labour Day	9	4	6	2	10	3	3	9	19
Thanksgiving Day	15	4	7	6	11	7	—	17	18

*Includes Motorcycle, Moped Drivers and Passengers; Pedestrians; Bicyclists

**Dominion Day was on Thursday

***Dominion Day was on Friday (from Thursday 6 p.m. to Sunday Midnight).

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES — SCHOOL YEARS 1973-74 – 1982-83

School Year	Pupils Transported Daily	Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES								Injury Rate Per 100,000 Pupils	
			Crossing Road (2)		Within School Vehicle		Other		Total			
			F.	P.I.	F.	P.I.	F.	P.I.	F.	P.I.	Fatal	Non Fatal
1973-74	592,026	575	1	6	—	364*	—	17	1	387	0.2	65
1974-75	578,817	622	4	19	2	205	—	28	6	252	1.1	45
1975-76	594,410	727	2	14	2	155	1	24	5	193	0.8	32
1976-77	600,082	793	—	10	—	247††	1	10	1	267	0.2	44
1977-78	601,583	866	1	19	—	259‡‡‡	2	18	3	296	0.5	49
1978-79	599,776	838	—	12	1	285‡	1	28	2	325	0.3	54
1979-80	601,813	765	—	12	1	250	3	48	4	310	0.7	52
1980-81	598,096	847	1	20	—	191	—	18	1	229	0.2	38
1981-82	597,331	861	1	15	—	238‡‡	—	14	1	267	0.2	45
1982-83	**604,370**	**808**	**2**	**11**	**2**	**143**	**—**	**12**	**4**	**166**	**0.7**	**27**

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES—SCHOOL YEARS 1981-82 – 1982-83

Type of School Vehicle	Nature of Accident				Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES						Total	
						Crossing Road (2)		Within School Vehicle		Other			
	Fatal	Pupil Injury	Non Pupil Injury	Property Damage		Fatal-ities	Personal Injuries	Fatal-ities	Personal Injuries	Fatal-ities	Personal Injuries	Fatal-ities	Personal Injuries
1982-83 School Bus	3	62	155	517	**737**	2	10	1	124	—	10	**3**	**144**
Van	2	9	14	34	**59**	—	1	1	18	—	1	**1**	**20**
Station Wagon	—	2	1	2	**5**	—	—	—	1	—	1	—	**2**
Other Buses	—	—	1	6	**7**	—	—	—	—	—	—	—	—
Total	**5**	**73**	**171**	**559**	**808**	**2**	**11**	**2**	**143**	**—**	**12**	**4**	**166**
1981-82 School Bus	7	71	145	572	**795**	1	15	—	218	—	12	**1**	**245**
Van	—	8	15	40	**63**	—	—	—	19	—	2	—	**21**
Station Wagon	—	1	—	2	**3**	—	—	—	1	—	—	—	**1**
Other Buses	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	**7**	**80**	**160**	**614**	**861**	**1**	**15**	**—**	**238**	**—**	**14**	**1**	**267**

(1) Accidents involving a school vehicle directly or indirectly while transporting pupils to or ›m school.

(2) Pupil struck by approaching vehicle (excluding school vehicle) while waiting to board school vehicle, crossing road board or after leaving school vehicle.

* Includes 6 separate accidents resulting in a total of 195 pupil injuries (46, 39, 35, 32, 25, 18).

† Includes one school age pedestrian who ran across a street into the path of an oncoming bus; two pupils, after bein discharged were fatally injured by school buses while attempting to cross the streets in front of the buses.

†† Includes 7 separate accidents resulting in a total of 124 pupil injuries (48, 19, 13, 13, 11, 10, 10).

‡ Includes 6 separate accidents resulting in a total of 110 pupil injuries (30, 22, 19, 16, 13, 10).

‡‡ Includes 5 separate accidents resulting in a total of 105 pupil injuries (42, 20, 19, 13, 11).

‡‡‡ Includes 7 separate accidents resulting in a total of 156 pupil injuries (36, 35, 25, 18, 16, 14, 12).

Motor Vehicle Accidents by Type (Based on Initial Impact) 1974 – 1983

FATAL ACCIDENTS INVOLVING										
		Motor Vehicle And								
Year	Single Motor Vehicle	Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	Total
1974	457	630	288	45	34	—	3	4	9	**1,470**
1975	480	651	273	64*	22	2	6	7	15	**1,520**
1976	376	567	228	46	28	2	2	1	15	**1,265**
1977	379	512	235	47	22	—	6	2	10	**1,213**
1978	378	526	263	49	28	—	6	2	11	**1,263**
1979	415	563	252	45	21	1	8	1	10	**1,316**
1980	463	521	247	30	17	—	5	4	9	**1,296**
1981	414	524	220	43	21	1	3	3	5	**1,234**
1982	359	402	162	42	17	1	3	–	11	**997**
1983	**352**	**438**	**181**	**48**	**16**	**–**	**3**	**1**	**3**	**1,042**

PERSONAL INJURY ACCIDENTS INVOLVING										
		Motor Vehicle And								
Year	Single Motor Vehicle	Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	Total
1974	17,515	37,831	6,680	3,446	137	118	83	253	289	**66,352**
1975	17,274	36,914	6,570	4,218*	125	131	101	265	213	**65,811**
1976	14,700	32,682	6,502	3,432	116	84	76	192	244	**58,028**
1977	16,155	37,530	6,243	3,182	98	108	82	211	178	**63,787**
1978	16,093	37,406	5,614	2,881	94	82	85	229	180	**62,664**
1979	18,063	39,613	5,726	3,128	106	111	96	186	172	**67,201**
1980	18,382	39,296	5,822	3,284	93	89	82	230	113	**67,391**
1981	17,920	39,693	5,681	3,351	95	95	68	275	114	**67,292**
1982	16,447	36,767	5,430	3,730	78	95	70	267	72	**62,956**
1983	**16,805**	**36,408**	**5,076**	**3,852**	**88**	**75**	**72**	**279**	**80**	**62,735**

ALL MOTOR VEHICLE ACCIDENTS INVOLVING										
		Motor Vehicle And								
Year	Single Motor Vehicle	Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	Total
1974	45,720	144,447	6,977	3,508	366	412	224	1,892	725	**204,271**
1975	48,283	150,252	6,860	4,328*	328	536	306	2,159	637	**213,689**
1976	44,422	153,559	6,739	3,497	321	455	316	1,792	764	**211,865**
1977	44,457	160,866	6,482	3,271	275	462	294	1,879	581	**218,567**
1978	40,332	134,590	5,881	2,969	237	311	234	1,361	448	**186,363**
1979	45,763	139,539	5,978	3,198	257	335	240	1,460	426	**197,196**
1980	47,417	136,754	6,072	3,355	228	352	243	1,761	319	**196,501**
1981	46,347	139,439	5,904	3,451	238	386	184	2,109	314	**198,372**
1982	42,784	132,431	5,596	3,832	197	412	246	2,129	316	**187,943**
1983	**43,756**	**125,474**	**5,263**	**3,968**	**204**	**382**	**199**	**2,486**	**267**	**181,999**

* Includes Moped Driver.
† Includes Horse Drawn Vehicles.

Type and Condition of Vehicles Involved in All Accidents 1983

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS — 1983

Type of Vehicle	In All Accidents	In Fatal	In Personal Injury	In Property Damage
Passenger Car	252,509	1,054	83,905	167,550
Passenger Car & Trailer	668	7	197	464
Truck	44,789	278	13,174	31,337
Truck & Trailer	727	6	196	525
Tractor & Semi-trailer	5,450	133	1,601	3,716
Motorcycle	6,241	125	5,440	676
Bus	2,396	5	838	1,553
School Bus/Vehicles	883	4	264	615
Other Motor Vehicles/Unknown	12,268	8	2,236	10,024
Non Motor Vehicle	5,510	75	4,471	964
Total	**331,441**	**1,695**	**112,322**	**217,424**

TYPE AND CONDITION OF VEHICLES INVOLVED — ALL ACCIDENTS — 1983

Condition	Passenger Car	Passenger Car & Trailer	Truck	Truck & Trailer	Tractor Semi-Trailer	Motorcycle	Bus	School Bus/ Vehicles	Other Motor Vehicle/Unknown	Non Motor Vehicle	Total
No Apparent Defect	242,449	554	42,007	573	4,827	5,814	2,329	853	845	4,744	304,995
Service Brakes Defective	701	1	301	13	92	36	7	2	2	132	1,287
Steering Defective	216	1	81	—	17	20	2	—	2	5	344
Tire Puncture or Blow Out	644	11	157	12	58	31	—	1	4	2	920
Tire Tread Insufficient	567	—	175	2	15	40	3	1	2	3	808
Headlamps Defective	78	1	28	—	3	16	—	—	2	47	175
Other Lamps or Reflectors Defective	221	11	122	9	25	3	2	1	3	43	440
Engine Controls Defective	441	—	93	1	11	13	—	2	2	2	565
Wheels or Suspension Defective	191	7	74	11	53	19	1	1	3	2	362
Vision Obscured	124	—	45	—	1	1	—	1	2	2	176
Trailer Hitch Defective	—	43	—	57	42	—	—	—	—	—	142
Other Defects	1,191	27	434	36	137	52	9	4	55	126	2,071
Not Known	5,686	12	1,272	13	169	196	43	17	11,346	402	19,156
Total	**252,509**	**668**	**44,789**	**727**	**5,450**	**6,241**	**2,396**	**883**	**12,268**	**5,510**	**331,441**

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS 1982-1983

CLASS OF DRIVER LICENCE REQUIRED		TYPE OF VEHICLE	1982 FATAL	1982 PERSONAL INJURY	1982 PROPERTY DAMAGE	1982 TOTAL	1983 FATAL	1983 PERSONAL INJURY	1983 PROPERTY DAMAGE	1983 TOTAL
PASSENGER VEHICLES	G	Passenger car/station wagon	965	83,484	174,457	**258,906**	1,035	82,821	165,303	**249,159**
	G	Taxi/limousine	2	169	350	**521**	—	157	264	**421**
	G	Hearse	—	1	11	**12**	—	—	2	**2**
	G	Dune buggy	2	8	4	**14**	—	6	1	**7**
	F	Ambulance	2	29	57	**88**	1	28	54	**83**
	G	Fire department vehicle	—	11	40	**51**	—	21	38	**59**
	G	Police force vehicle	2	156	188	**346**	3	130	150	**283**
	G	Public utility emergency vehicle	—	1	—	**1**	—	—	1	**1**
	G	Passenger van	25	683	1,535	**2,243**	12	572	1,423	**2,007**
	G	Other passenger vehicle	—	39	84	**123**	3	170	314	**487**
PASSENGER VEHICLES AND TRAILERS	G	P.V. and house trailer	—	15	42	**57**	—	17	24	**41**
	G	P.V. and boat trailer	1	24	77	**102**	2	22	59	**83**
	G	P.V. and tent trailer	1	17	41	**59**	—	6	23	**29**
	G	P.V. and utility trailer	2	41	79	**122**	1	20	47	**68**
	G	P.V. and other trailer	2	59	174	**235**	4	86	227	**317**
	G	Other p.v. and trailer	1	4	16	**21**	—	46	84	**130**
TRUCKS	D	Truck with concrete mixer	1	21	57	**79**	1	20	48	**69**
	D	Truck with stake or platform body	16	251	701	**968**	11	174	430	**615**
	D	Truck with tank body	1	54	159	**214**	2	44	117	**163**
	D	Truck with dump body	14	375	1,087	**1,476**	22	368	993	**1,383**
	G	Tow truck	2	110	232	**344**	2	80	189	**271**
	D	Tractor not pulling a trailer	—	52	90	**142**	—	36	57	**93**
	G	Pick-up truck	145	7,637	18,348	**26,130**	170	7,813	18,149	**26,132**
	G	Delivery van	57	4,377	10,265	**14,699**	53	3,927	9,339	**13,319**
	G	Pick-up camper	—	6	27	**33**	—	6	27	**33**
	D	Fire truck	2	7	16	**25**	—	—	9	**9**
	D	Other truck	7	387	1,277	**1,671**	9	358	1,094	**1,461**
	G	Other truck	3	303	802	**1,108**	8	330	849	**1,187**
	D	Tow truck	—	20	42	**62**	—	18	36	**54**
TRUCK AND TRAILER	G	Pick-up and recreation trailer	—	5	22	**27**	—	5	21	**26**
	G	Pick-up and recreation semi-trailer	—	3	23	**26**	—	4	13	**17**
	G	Pick-up and other semi-trailer	3	108	289	**400**	3	103	273	**379**
	D	Truck/trailer-dump	1	12	32	**45**	1	5	19	**25**
	D	Truck/trailer-frame	—	2	7	**9**	—	4	1	**5**
	D	Truck/trailer-tank	—	—	9	**9**	1	—	5	**6**
	D	Truck/trailer-stake or platform body	1	15	37	**53**	—	11	26	**37**
	D	Truck/trailer-van	—	3	15	**18**	—	1	5	**6**
	D	Truck and pole trailer	—	1	3	**4**	—	1	1	**2**
	G	Tow truck hauling a disabled vehicle	2	19	51	**72**	—	22	61	**83**
	D	Other truck/trailer	—	7	15	**22**	—	10	19	**29**

	G	Other truck/trailer	1	10	24	**35**	1	6	25	**32**
	A	Other truck/trailer	—	5	30	**35**	—	21	51	**72**
	D	Tow truck hauling a disabled vehicle	—	14	28	**42**	—	3	5	**8**
TRACTOR AND SEMI-TRAILERS	A	Tractor/semi-trailer-dump	5	56	94	**155**	—	51	101	**152**
	A	Tractor/semi-trailer-frame	—	2	22	**24**	3	15	31	**49**
	A	Tractor/semi-trailer-tank	4	44	97	**145**	2	38	87	**127**
	A	Tractor/semi-trailer-stake or platform	4	84	236	**324**	2	49	106	**157**
	A	Tractor/semi-trailer-van	13	304	778	**1,095**	3	86	170	**259**
	A	Tractor/semi-trailer-concrete mixer	—	2	5	**7**	—	—	5	**5**
	A	Tractor/semi-trailer float	15	51	138	**204**	—	60	132	**192**
	A	Tractor/semi-trailer-car transport	—	4	7	**11**	—	4	9	**13**
	A	Tractor/semi-trailer-other	48	796	2,020	**2,864**	113	1,222	2,953	**4,288**
	A	Tractor/semi-trailer and pup-dump	1	8	16	**25**	—	9	15	**24**
	A	Tractor/semi-trailer and pup-frame	—	2	3	**5**	—	2	3	**5**
	A	Tractor/semi-trailer and pup-tank	1	7	18	**26**	1	2	8	**11**
	A	Tractor/semi-trailer and pup-stake or platform	1	8	11	**20**	—	6	10	**16**
	A	Tractor/semi-trailer and pup-van	—	7	18	**25**	1	5	7	**13**
	A	Tractor/semi-trailer and pup-other	—	15	51	**66**	—	32	49	**81**
	A	Tractor/semi-trailer and semi-trailer-tank	1	3	4	**8**	—	2	4	**6**
	A	Tractor semi-trailer/semi-trailer stake or platform	—	—	6	**6**	—	2	1	**3**
	A	Tractor/semi-trailer and semi-trailer-van	—	2	5	**7**	1	—	1	**2**
	A	Tractor/semi-trailer and semi-trailer-other	1	14	28	**43**	7	16	24	**47**
BUS	C	Transit - intercity	—	88	192	**280**	1	143	334	**478**
	C	Transit - urban	13	841	1,500	**2,354**	4	667	1,161	**1,832**
	F	Coach - intercity	—	23	47	**70**	—	15	34	**49**
	F	Coach - urban	1	19	49	**69**	—	13	24	**37**
SCHOOL VEHICLES	E	School bus or school van-seating capacity 10-23	1	36	86	**123**	1	52	100	**153**
	B	School bus — seating capacity 24 or over	6	199	527	**732**	2	182	423	**607**
	G	School van — seating capacity under 10	—	5	9	**14**	—	4	10	**14**
	G	Station wagon	—	1	—	**1**	—	—	2	**2**
	C	Other bus	1	19	28	**48**	1	26	80	**107**
OTHER MOTOR VEHICLES	G	Motor home	3	33	109	**145**	—	30	84	**114**
	M	Motorcycle	135	4,989	604	**5,728**	124	5,379	675	**6,178**
	G	Moped	1	62	3	**66**	1	61	1	**63**
	G	Snowmobile	6	109	63	**178**	1	63	38	**102**
NON-MOTOR VEHICLES		Farm tractor	6	93	198	**297**	4	93	152	**249**
		Tractor or construction equipment	1	57	250	**308**	2	52	201	**255**
		Train	17	81	104	**202**	16	89	104	**209**
		Street car	1	112	355	**468**	—	98	338	**436**
		Bicycle	48	3,914	79	**4,041**	51	4,059	80	**4,190**
		Snow Plow	—	7	25	**32**	—	3	21	**24**
		Go-cart	1	—	—	**1**	—	2	—	**2**
		Horse and buggy	1	5	8	**14**	—	5	4	**9**
		Other	—	8	22	**30**	1	7	26	**34**
		Unknown	14	2,412	11,636	**14,062**	8	2,206	9,940	**12,154**
		Total	**1,611**	**113,067**	**230,294**	**344,972**	**1,695**	**112,322**	**217,424**	**331,441**

Motor Vehicle Accidents by Place of Occurrence
1974 – 1983

FATAL ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1974	385	118	565	402	**1,470**
1975	487	143	537	353	**1,520**
1976	366	89	467	343	**1,265**
1977	389	70	415	339	**1,213**
1978	433	95	418	317	**1,263**
1979	457	99	434	326	**1,316**
1980	460	92	444	300	**1,296**
1981	422	91	432	289	**1,234**
1982	326	72	310	289	**997**
1983	**295**	**100**	**314**	**333**	**1,042**

PERSONAL INJURY ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1974	33,573	3,780	10,097	18,902	**66,352**
1975	32,923	3,955	10,085	18,848	**65,811**
1976	29,243	3,037	8,412	17,336	**58,028**
1977	34,540	3,652	9,364	16,231	**63,787**
1978	41,207	4,071	8,779	8,607	**62,664**
1979	44,078	4,353	9,246	9,524	**67,201**
1980	44,397	4,159	8,853	9,982	**67,391**
1981	43,731	4,604	8,648	10,309	**67,292**
1982	40,820	4,567	7,731	9,838	**62,956**
1983	**39,597**	**4,373**	**7,695**	**11,070**	**62,735**

ALL MOTOR VEHICLE ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1974	108,552	11,562	27,495	56,662	**204,271**
1975	112,358	12,693	28,465	60,173	**213,689**
1976	113,199	11,165	26,028	61,473	**211,865**
1977	127,764	12,470	26,570	51,763	**218,567**
1978	128,595	11,963	22,339	23,466	**186,363****
1979	135,980	13,114	23,082	25,020	**197,196**
1980	135,533	12,452	22,216	26,300	**196,501**
1981	135,325	13,764	21,801	27,482	**198,372**
1982	126,888	13,462	19,784	27,809	**187,943**
1983	**119,248**	**13,113**	**19,572**	**30,006**	**181,999**

*Includes Secondary Highways.
**Minimum reportable property damage amount changed from over $200 to over $400 on January 1, 1978.

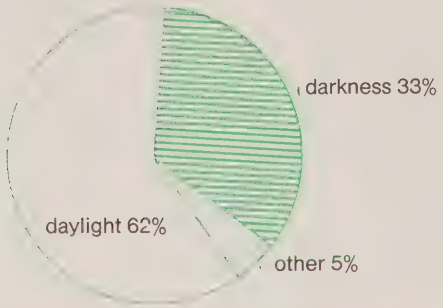
Type of Accidents — 1982 - 1983

ACCIDENT INVOLVING MOTOR VEHICLE AND	CLASS OF ACCIDENTS — 1983			
	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY	TOTAL
Other Motor Vehicle/s	438	36,408	88,628	**125,474**
Pedestrian	181	5,076	6	**5,263**
Cyclist	48	3,852	68	**3,968**
Railway Train	16	88	100	**204**
Street Car	—	75	307	**382**
Farm Tractor	3	72	124	**199**
Animal	1	279	2,206	**2,486**
Other Moveable Object	3	80	184	**267**
Restraining Barrier	24	1,411	4,369	**5,804**
Rigid Pole	28	1,971	3,427	**5,426**
Breakaway Pole	6	461	1,050	**1,517**
Tree	39	1,349	1,706	**3,094**
Post	19	644	1,892	**2,555**
Fence	6	449	1,165	**1,620**
Culvert	18	459	347	**824**
Bridge Support	10	171	269	**450**
Rock Face	19	422	529	**970**
Snow Bank or Drift	1	134	354	**489**
Ditch	94	4,160	4,319	**8,573**
Curb	22	1,057	1,594	**2,673**
Crash Cushion	1	22	57	**80**
Building or Wall	2	191	442	**635**
Other Fixed Object	22	1,084	2,103	**3,209**
Fire/Explosion	—	23	610	**633**
Submersion	—	4	10	**14**
Rollover	32	1,565	949	**2,546**
Other Non-Collision Event	9	1,228	1,407	**2,644**
Total	**1,042**	**62,735**	**118,222**	**181,999**

ACCIDENT INVOLVING MOTOR VEHICLE AND	CLASS OF ACCIDENTS — 1982			
	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY	TOTAL
Other Motor Vehicle/s	402	36,767	95,262	**132,431**
Pedestrian	162	5,430	4	**5,596**
Cyclist	42	3,730	60	**3,832**
Railway Train	17	78	102	**197**
Street Car	1	95	316	**412**
Farm Tractor	3	70	173	**246**
Animal	—	267	1,862	**2,129**
Other Moveable Object	11	72	233	**316**
Restraining Barrier	28	1,426	4,266	**5,720**
Rigid Pole	42	1,906	3,417	**5,365**
Breakaway Pole	7	462	1,065	**1,534**
Tree	38	1,146	1,463	**2,647**
Post	23	676	1,796	**2,495**
Fence	3	389	1,046	**1,438**
Culvert	22	409	270	**701**
Bridge Support	11	192	271	**474**
Rock Face	10	349	441	**800**
Snow Bank or Drift	7	532	1,026	**1,565**
Ditch	77	3,867	3,911	**7,855**
Curb	20	912	1,380	**2,312**
Crash Cushion	—	28	68	**96**
Building or Wall	2	203	446	**651**
Other Fixed Object	23	1,018	1,994	**3,035**
Fire/Explosion	1	24	630	**655**
Submersion	2	7	11	**20**
Rollover	33	1,586	1,059	**2,678**
Other Non-Collision Event	10	1,315	1,418	**2,743**
Total	**997**	**62,956**	**123,990**	**187,943**

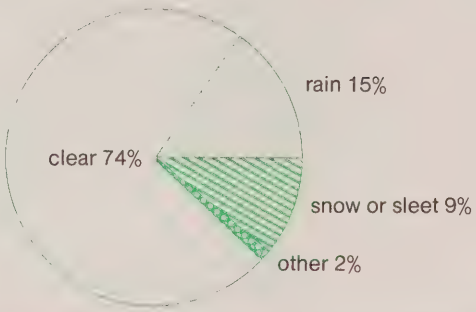
All Accidents — 1983 — Light Condition, Visibility and Road Location

Light Condition



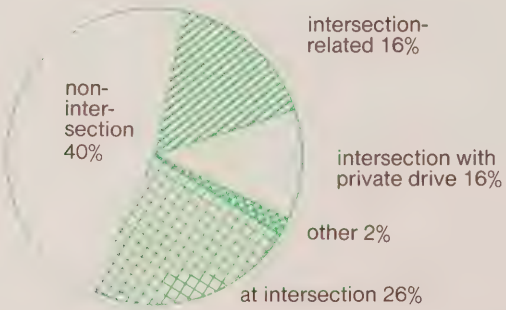
Light Condition	Total	Fatal	Personal Injury	Property Damage
Daylight	**113,306**	456	38,820	74,030
Dawn	**2,287**	14	765	1,508
Dusk	**6,422**	38	2,129	4,255
Darkness	**59,984**	534	21,021	38,429
Total	**181,999**	**1,042**	**62,735**	**118,222**

Visibility



Visibility	Total	Fatal	Personal Injury	Property Damage
Clear	**134,547**	832	47,731	85,984
Rain	**28,167**	110	9,616	18,441
Snow or Sleet	**16,741**	70	4,385	12,286
Fog, Mist, Smoke, or Dust	**2,544**	30	1,003	1,511
Total	**181,999**	**1,042**	**62,735**	**118,222**

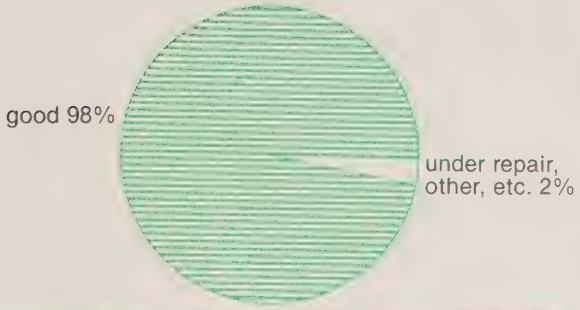
Road Location



Road Location	Total	Fatal	Personal Injury	Property Damage
Non-Intersection	**73,656**	668	25,224	47,764
Intersection-Related	**29,963**	75	10,697	19,191
At Intersection	**46,954**	175	17,698	29,081
Intersection with Private Drive	**28,088**	79	7,912	20,097
At Railroad Crossing	**633**	20	258	355
Underpass or Tunnel	**323**	4	120	199
Overpass or Bridge	**2,038**	20	688	1,330
Other	**344**	1	138	205
Total	**181,999**	**1,042**	**62,735**	**118,222**

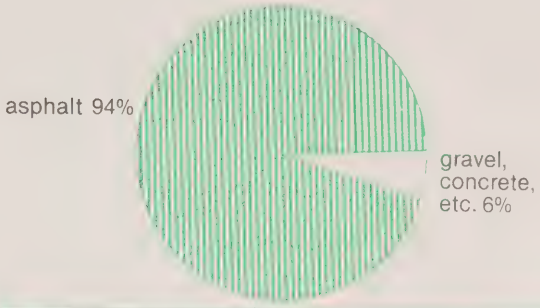
All Accidents — 1983 — Road Condition, Road Type and Road Surface Condition

Road Condition



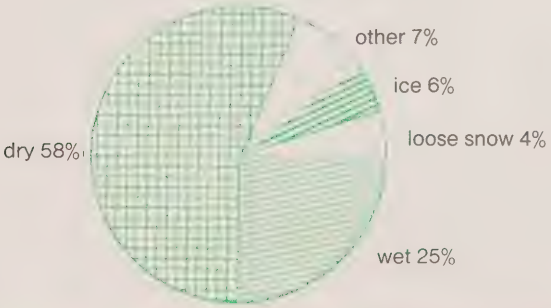
Road Condition	Total	Fatal	Personal Injury	Property Damage
Good	**178,069**	1,023	61,488	115,558
Under Repair	**816**	1	284	531
Under Const.	**1,409**	9	435	965
Other	**1,705**	9	528	1,168
Total	**181,999**	**1,042**	**62,735**	**118,222**

Road Type



Road Type	Total	Fatal	Personal Injury	Property Damage
Asphalt	**170,978**	946	58,839	111,193
Gravel or Crushed Stone	**7,381**	79	2,695	4,607
Concrete	**2,772**	16	919	1,837
Earth	**538**	—	175	363
Other	**330**	1	107	222
Total	**181,999**	**1,042**	**62,735**	**118,222**

Road Surface Condition



Road Surface Condition	Total	Fatal	Personal Injury	Property Damage
Dry	**105,792**	725	39,344	65,723
Wet	**46,181**	203	15,798	30,180
Loose Snow	**7,207**	23	1,707	5,477
Slush	**5,162**	15	1,290	3,857
Packed Snow	**5,350**	24	1,197	4,129
Ice	**11,010**	40	2,887	8,083
Mud	**121**	1	22	98
Loose Sand or Gravel	**1,176**	11	490	675
Total	**181,999**	**1,042**	**62,735**	**118,222**

Statistics Relating to Motor Vehicle Accidents By Counties, Districts, Regional Municipalities, Ontario Cities, Towns and Villages — 1983

Motor Vehicle Accidents by Counties, Districts and Regional Municipalities — 1983

County, District or Regional Municipality	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Algoma	**3,058**	15	935	2,108	18	1,332
Brant	**2,291**	10	751	1,530	10	1,120
Bruce	**1,035**	11	355	669	14	576
Cochrane	**1,823**	12	605	1,206	18	884
Dufferin	**285**	5	95	185	5	147
Dundas	**698**	11	234	453	11	370
Durham	**5,664**	39	2,108	3,517	45	3,199
Elgin	**1,021**	6	369	646	6	565
Essex	**6,400**	38	2,481	3,881	44	3,640
Frontenac	**2,410**	15	804	1,591	15	1,141
Glengarry	**518**	6	185	327	6	260
Grenville	**554**	8	187	359	9	295
Grey	**1,259**	15	459	785	15	723
Haldimand-Norfolk	**1,677**	20	664	993	25	1,032
Haliburton	**382**	4	138	240	6	241
Halton	**5,053**	30	1,822	3,201	34	2,776
Hamilton-Wentworth	**8,332**	33	3,234	5,065	34	4,715
Hastings	**2,195**	18	763	1,414	23	1,141
Huron	**975**	9	348	618	9	549
Kenora	**1,168**	13	349	806	18	575
Kent	**1,980**	17	765	1,198	25	1,095
Lambton	**2,659**	22	917	1,720	26	1,406
Lanark	**1,070**	10	342	718	13	507
Leeds	**1,168**	11	444	713	11	659
Lennox & Addington	**627**	7	222	398	7	345
Manitoulin	**252**	4	82	166	4	141
Middlesex	**6,580**	43	2,465	4,072	49	3,608
Muskoka	**1,086**	13	407	666	20	631
Niagara	**7,969**	45	2,652	5,272	49	3,867
Nipissing	**1,595**	21	565	1,009	26	867
Northumberland	**1,307**	23	505	779	24	750
Ottawa-Carleton	**14,454**	54	4,075	10,325	60	5,527
Oxford	**1,619**	16	585	1,018	22	910
Parry Sound	**958**	17	334	607	18	606
Peel	**9,739**	52	3,373	6,314	64	4,979
Perth	**1,294**	11	418	865	11	659
Peterborough	**2,154**	18	720	1,416	18	1,112
Prescott	**615**	5	216	394	5	326
Prince Edward	**360**	5	121	234	6	177
Rainy River	**615**	7	172	436	7	232
Renfrew	**1,592**	21	546	1,025	24	887
Russell	**413**	7	152	254	7	223
Simcoe	**4,645**	36	1,565	3,044	50	2,354
Stormont	**1,396**	11	493	892	11	700
Sudbury	**3,261**	30	1,251	1,980	39	1,923
Thunder Bay	**4,386**	31	1,287	3,068	37	1,894
Timiskaming	**857**	7	267	583	12	430
Victoria	**1,010**	8	388	614	9	592
Waterloo	**6,021**	22	1,995	4,004	26	2,819
Wellington	**2,556**	24	920	1,612	26	1,449
*York	**50,963**	126	17,605	33,232	133	24,750
Total	**181,999**	**1,042**	**62,735**	**118,222**	**1,204**	**91,706**

*Includes Metropolitan Toronto

Motor Vehicle Accidents in Ontario Cities, Towns and Villages — 1983

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Ailsa Craig	5	—	2	3	—	2
Ajax	269	1	88	180	1	125
Alexandria	105	—	24	81	—	31
Alfred	6	—	1	5	—	1
Alliston	68	—	17	51	—	24
Almonte	37	—	9	28	—	11
Alvinston	6	—	3	3	—	4
Amherstburg	73	—	27	46	—	45
Ancaster	104	—	53	51	—	83
Angus	18	—	4	14	—	7
Arnprior	82	—	26	56	—	39
Arthur	10	—	—	10	—	—
Athens	5	—	2	3	—	2
Atikokan	14	1	3	10	1	5
Aurora	262	2	94	166	2	141
Aylmer	67	—	14	53	—	19
Balmertown	5	—	2	3	—	2
Bancroft	45	—	16	29	—	21
Barrie	744	1	207	536	1	277
Barry's Bay	18	—	3	15	—	4
Bath	3	—	—	3	—	—
Bayfield	3	—	1	2	—	1
Beachburg	3	—	—	3	—	—
Beeton	12	—	6	6	—	6
Belle River	36	2	13	21	2	18
Belleville	780	—	206	574	—	288
Blenheim	29	—	8	21	—	11
Blind River	33	—	15	18	—	25
Bloomfield	7	—	2	5	—	4
Blyth	11	—	2	9	—	5
Bobcaygeon	19	—	3	16	—	3
Bothwell	5	—	1	4	—	2
Bracebridge	85	—	25	60	—	29
Bradford	122	—	34	88	—	41
Brampton	1,941	9	640	1,292	9	933
Brantford	1,444	3	422	1,019	3	565
Brighton	23	—	9	14	—	11
Brockville	426	—	124	302	—	174
Bruce Mines	2	—	2	—	—	2
Brussels	10	—	4	6	—	4
Burford	1	—	1	—	—	2
Burk's Falls	5	—	1	4	—	1
Burlington	1,298	4	466	828	4	651
Cache Bay	3	—	1	2	—	1
Caledon	273	—	112	161	—	155
Cambridge	1,054	2	386	666	2	503
Campbellford	33	—	9	24	—	9

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Capreol	14	—	2	12	—	3
Cardinal	3	—	2	1	—	5
Carleton Place	116	—	34	82	—	50
Casselman	20	—	5	15	—	6
Chalk River	3	—	1	2	—	1
Charlton	1	—	—	1	—	—
Chatham	823	1	285	537	1	365
Chesley	7	—	—	7	—	—
Chesterville	13	—	1	12	—	2
Clarksburg	1	—	1	—	—	1
Clifford	7	—	1	6	—	1
Clinton	39	—	10	29	—	11
Cobalt	17	—	4	13	—	5
Cobden	3	—	1	2	—	1
Cobourg	215	1	81	133	1	112
Cochrane	62	—	23	39	—	32
Colborne	19	2	4	13	2	5
Coldwater	10	—	4	6	—	4
Collingwood	174	—	50	124	—	76
Comber	1	—	1	—	—	1
Cookstown	6	—	1	5	—	1
Cornwall	1,085	6	366	713	6	516
Creemore	7	—	—	7	—	—
Deep River	11	—	3	8	—	5
Deseronto	10	—	3	7	—	4
Dorchester	1	—	—	1	—	—
Drayton	4	—	—	4	—	—
Dresden	21	—	7	14	—	7
Dryden	106	1	22	83	1	38
Dundalk	12	—	3	9	—	4
Dundas	215	—	70	145	—	105
Dunnville	115	2	38	75	2	60
Durham	46	—	13	33	—	22
Dutton	2	—	—	2	—	—
East Gwillimbury	44	—	14	30	—	16
Eganville	30	1	5	24	1	7
Elliot Lake	226	2	59	165	2	74
Elmvale	14	—	4	10	—	5
Elora	29	—	10	19	—	16
Embrun	7	—	2	5	—	3
Englehart	13	—	4	9	—	6
Erieau	3	—	3	—	—	4
Erie Beach	1	—	—	1	—	—
Erin	27	1	9	17	1	13
Espanola	58	—	10	48	—	14
Essex	62	1	18	43	1	22
Exeter	69	—	18	51	—	21
Fenelon Falls	29	—	14	15	—	18
Fergus	78	1	18	59	1	25
Finch	1	—	1	—	—	2
Flesherton	9	—	3	6	—	4

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Florence	1	—	—	1	—	—
Fordwich	1	—	—	1	—	—
Forest	27	—	9	18	—	14
Fort Erie	351	—	125	226	—	177
Fort Frances	188	—	58	130	—	71
Frankford	15	—	6	9	—	6
Gananoque	67	—	26	41	—	35
Geraldton	23	—	8	15	—	11
Glencoe	9	—	1	8	—	1
Gloucester	479	5	160	314	6	220
Goderich	108	—	29	79	—	41
Gore Bay	4	—	1	3	—	1
Gorrie	3	—	—	3	—	—
Grand Bend	32	—	6	26	—	6
Grand Valley	6	—	1	5	—	1
Gravenhurst	85	—	30	55	—	33
Grimsby	128	2	48	78	2	78
Guelph	1,069	7	373	689	7	529
Haileybury	73	1	27	45	2	44
Haldimand	46	—	17	29	—	20
Halton Hills	404	1	133	270	1	197
Hamilton	3,889	4	1,532	2,353	4	2,150
Hanover	90	1	25	64	1	30
Harriston	9	—	4	5	—	7
Harrow	21	—	2	19	—	2
Hastings	5	—	1	4	—	1
Havelock	12	—	2	10	—	3
Hawkesbury	166	1	51	114	1	71
Hearst	59	—	12	47	—	14
Hensall	6	—	—	6	—	—
Highgate	3	—	—	3	—	—
Hillsburg	3	—	1	2	—	1
Holstein	1	—	—	1	—	—
Huntsville	121	1	43	77	1	61
Ingersoll	110	—	35	75	—	47
Iron Bridge	3	—	—	3	—	—
Iroquois	4	—	2	2	—	2
Iroquois Falls	45	—	12	33	—	18
Kanata	179	1	56	122	1	74
Kapuskasing	139	1	45	93	1	62
Keewatin	21	—	7	14	—	12
Kemptville	19	—	1	18	—	1
Kenora	174	3	47	124	3	66
Killaloe Station	5	—	—	5	—	—
Kincardine	63	—	8	55	—	11
Kingston	1,238	3	359	876	3	477
Kingsville	46	—	14	32	—	20
Kirkland Lake	198	1	36	161	1	43
Kitchener	1,996	5	649	1,342	5	891
Lakefield	31	—	12	19	—	19
Lanark	6	—	3	3	—	3
Lancaster	7	—	3	4	—	3
Latchford	1	—	1	—	—	1
Leamington	211	—	59	152	—	77

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Lincoln	141	—	39	102	—	58
Lindsay	219	—	77	142	—	105
Lions Head	3	—	1	2	—	1
Listowel	97	—	27	70	—	43
Little Current	20	—	5	15	—	5
London	5,120	19	1,860	3,241	19	2,607
Longlac	17	—	9	8	—	9
L'Orignal	10	—	4	6	—	4
Lucan	12	—	—	12	—	—
Lucknow	9	—	5	4	—	11
Madoc	11	—	4	7	—	5
Markdale	9	—	4	5	—	8
Markham	652	1	204	447	1	286
Marmora	14	—	7	7	—	9
Massey	8	—	1	7	—	1
Mattawa	16	—	6	10	—	8
Maxville	3	—	1	2	—	1
Meaford	40	—	10	30	—	14
Merlin	2	—	1	1	—	1
Merrickville	10	—	1	9	—	1
Midland	157	—	73	84	—	90
Mildmay	7	—	3	4	—	4
Millbrook	8	—	2	6	—	5
Milton	483	2	202	279	2	330
Milverton	9	—	2	7	—	3
Mississauga	4,443	15	1,484	2,944	19	2,116
Mitchell	42	—	9	33	—	11
Moorefield	2	—	—	2	—	—
Morrisburg	4	—	—	4	—	—
Mount Brydges	1	—	—	1	—	—
Mount Forest	56	—	7	49	—	8
Nanticoke	236	—	84	152	—	113
Napanee	82	—	28	54	—	36
Nepean	783	3	230	550	4	330
Neustadt	2	—	1	1	—	1
Newburgh	2	—	1	1	—	1
Newcastle	311	3	117	191	3	158
New Liskeard	69	—	15	54	—	28
Newmarket	251	—	78	173	—	94
Niagara-on-the-Lake	163	—	66	97	—	87
Niagara Falls	1,159	3	394	762	3	579
Nickel Centre	42	—	18	24	—	22
North Bay	744	4	254	486	4	342
Norwood	5	—	2	3	—	2
Oakville	1,011	6	345	660	7	519
Oil Springs	2	—	—	2	—	—
Omemee	5	—	1	4	—	1
Onaping Falls	7	—	1	6	—	1
Orangeville	217	2	69	146	2	103
Orillia	323	1	90	232	1	124

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Oshawa	1,756	1	644	1,111	1	909
Ottawa	7,853	13	2,092	5,748	13	2,721
Owen Sound	226	1	72	153	1	87
Paisley	5	—	2	3	—	3
Palmerston	19	—	7	12	—	11
Paris	107	—	31	76	—	46
Parkhill	11	—	4	7	—	5
Parry Sound	69	1	14	54	1	19
Pelham	106	—	28	78	—	39
Pembroke	241	—	82	159	—	127
Penetanguishene	66	—	22	44	—	26
Perth	123	—	29	94	—	37
Petawawa	23	—	7	16	—	11
Peterborough	1,119	5	340	774	5	496
Petrolia	54	—	9	45	—	12
Pickering	400	1	140	259	1	206
Picton	81	—	19	62	—	34
Plantagenet	4	—	1	3	—	1
Point Edward	59	3	21	35	3	31
Port Burwell	9	—	3	6	—	3
Port Colborne	198	—	63	135	—	79
Port Elgin	104	—	35	69	—	59
Port Hope	79	—	36	43	—	44
Port McNicoll	14	—	5	9	—	8
Port Stanley	17	—	4	13	—	8
Powassan	8	—	2	6	—	2
Prescott	92	—	22	70	—	30
Rainy River	19	—	2	17	—	2
Rayside-Balfour	33	—	14	19	—	23
Renfrew	121	—	37	84	—	52
Richmond Hill	312	1	105	206	1	145
Ridgetown	31	—	7	24	—	8
Ripley	4	—	1	3	—	1
Rockliffe Park	23	—	7	16	—	9
Rockland	45	—	15	30	—	19
Rockwood	5	—	1	4	—	1
Rodney	8	—	2	6	—	3
Rosseau	1	—	—	1	—	—
Russell	6	—	3	3	—	4
St. Catharines	1,667	—	532	1,135	—	708
St. Clair Beach	13	—	5	8	—	5
St. Isidore de Prescott	7	—	—	7	—	—
St. Marys	72	—	15	57	—	20
St. Thomas	333	—	122	211	—	165
Sarnia	1,304	2	411	891	2	612
Sault Ste. Marie	1,862	6	537	1,319	8	729
Seaforth	24	—	5	19	—	8
Shedden	1	—	1	—	—	1
Shelburne	24	1	8	15	1	14
Simcoe	233	1	82	150	1	120
Sioux Lookout	48	—	7	41	—	11
Smiths Falls	210	—	43	167	—	52

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Smooth Rock Falls	15	—	2	13	—	2
Southampton	40	—	11	29	—	18
South River	6	—	3	3	—	4
Springfield	3	—	1	2	—	1
Stayner	26	—	4	22	—	5
Stirling	16	—	1	15	—	1
Stoney Creek	297	1	125	171	1	183
Stoney Point	1	—	—	1	—	—
Stratford	485	—	152	333	—	214
Strathroy	83	—	27	56	—	32
Sturgeon Falls	91	—	27	64	—	40
Sturgeon Point	1	—	—	1	—	—
Sudbury	1,164	3	456	705	3	663
Sundridge	4	—	—	4	—	—
Tara	3	—	1	2	—	1
Tecumseh	81	—	33	48	—	45
Teeswater	10	—	2	8	—	4
Thamesville	18	—	8	10	—	9
Thedford	5	—	4	1	—	7
Thessalon	15	1	3	11	1	4
Thornbury	13	—	3	10	—	3
Thorold	157	—	50	107	—	67
Thunder Bay	2,935	9	790	2,136	9	1,101
Tilbury	59	—	15	44	—	18
Tillsonburg	178	—	52	126	—	76
Timmins	809	1	230	578	1	321
Tiverton	5	—	—	5	—	—
Toronto	40,615	72	14,011	26,532	73	19,231
Tottenham	11	—	1	10	—	1
Trenton	300	1	87	212	1	115
Trout Creek	1	—	—	1	—	—
Tweed	29	—	10	19	—	13
Valley East	118	—	56	62	—	85
Vanier	395	1	96	298	1	118
Vankleek Hill	17	—	7	10	—	10
Vaughan	466	—	166	300	—	247
Victoria Harbour	7	—	1	6	—	2
Walden	49	—	24	25	—	36
Walkerton	53	—	13	40	—	14
Wallaceburg	159	—	52	107	—	65
Wardsville	1	—	—	1	—	—
Warkworth	4	—	1	3	—	1
Wasaga Beach	109	—	35	74	—	58
Waterloo	729	1	241	487	1	326
Watford	9	—	1	8	—	4
Webbwood	3	—	1	2	—	1
Welland	663	2	207	454	2	301
Wellington	7	—	3	4	—	3
Wendover	1	—	—	1	—	—
West Lorne	15	—	4	11	—	6
Westport	13	—	2	11	—	3
Wheatley	8	—	3	5	—	3
Whitby	513	4	209	300	4	312

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Whitchurch-Stouffville	65	—	20	45	—	34
Wiarton	30	—	5	25	—	9
Williamsburg	5	—	2	3	—	2
Winchester	8	—	2	6	—	2
Winchester Springs	6	—	1	5	—	2
Windsor	4,316	13	1,620	2,683	13	2,339
Wingham	37	—	6	31	—	7
Woodstock	483	1	169	313	2	235
Woodville	1	—	—	1	—	—
Wroxeter	1	—	—	1	—	—
Wyoming	12	—	3	9	—	3
Zurich	6	—	1	5	—	2
Total	**117,566**	**286**	**38,994**	**78,286**	**297**	**54,097**

Summary of Motor Vehicle Traffic Accident Statistics
Number of Accidents

Ontario 1983

	Total	Fatal	Personal Injury	Property Damage Only
Accident Involves*				
Single Motor Vehicle	**43,756**	352	16,805	26,599
or				
Motor Vehicle And Other Motor Vehicle/s	**125,474**	438	36,408	88,628
Pedestrian	**5,263**	181	5,076	6
Cyclist	**3,968**	48	3,852	68
Railroad Train	**204**	16	88	100
Street Car	**382**	—	75	307
Farm Tractor	**199**	3	72	124
Animal	**2,486**	1	279	2,206
Other	**267**	3	80	184
Total	**181,999**	**1,042**	**62,735**	**118,222**
Month of Occurrence				
January	**14,943**	56	4,384	10,503
February	**12,189**	48	3,567	8,574
March	**13,298**	59	4,234	9,005
April	**11,790**	68	4,199	7,523
May	**14,528**	98	5,391	9,039
June	**14,981**	117	6,122	8,742
July	**14,375**	112	6,029	8,234
August	**14,406**	119	6,008	8,279
September	**14,575**	109	5,553	8,913
October	**16,287**	88	5,768	10,431
November	**18,789**	84	5,775	12,930
December	**21,838**	84	5,705	16,049
Total	**181,999**	**1,042**	**62,735**	**118,222**
Day of Occurrence				
Sunday	**19,850**	156	7,463	12,231
Monday	**23,541**	101	7,875	15,565
Tuesday	**22,737**	132	7,675	14,930
Wednesday	**25,752**	120	8,623	17,009
Thursday	**26,965**	122	9,093	17,750
Friday	**33,954**	178	11,487	22,289
Saturday	**29,200**	233	10,519	18,448
Total	**181,999**	**1,042**	**62,735**	**118,222**
Hour of Occurrence				
12 to 1 A.M.	**4,788**	61	1,782	2,945
1 to 2 "	**6,484**	69	2,580	3,835
2 to 3 "	**3,977**	50	1,516	2,411
3 to 4 "	**2,214**	34	849	1,331
4 to 5 "	**1,428**	24	564	840
5 to 6 "	**1,452**	17	522	913
6 to 7 "	**3,135**	24	1,084	2,027
7 to 8 "	**6,560**	25	2,107	4,428
8 to 9 "	**9,170**	36	2,921	6,213
9 to 10 "	**6,236**	24	1,839	4,373
10 to 11 "	**7,129**	28	2,154	4,947
11 to 12 "	**8,518**	20	2,641	5,857
12 to 1 P.M.	**9,822**	35	3,271	6,516
1 to 2 "	**9,841**	31	3,266	6,544
2 to 3 "	**10,520**	38	3,423	7,059
3 to 4 "	**13,677**	49	4,676	8,952
4 to 5 "	**15,493**	54	5,402	10,037
5 to 6 "	**13,623**	72	4,868	8,683
6 to 7 "	**10,304**	60	3,878	6,366
7 to 8 "	**9,235**	57	3,513	5,665
8 to 9 "	**7,496**	54	2,808	4,634
9 to 10 "	**6,752**	72	2,430	4,250
10 to 11 "	**6,049**	53	2,198	3,798
11 to 12 "	**5,980**	46	2,180	3,754
Not Known	**2,116**	9	263	1,844
Total	**181,999**	**1,042**	**62,735**	**118,222**

*Based on initial impact.

	Total	Fatal	Personal Injury	Property Damage Only
Light Conditions				
Daylight	**113,306**	456	38,820	74,030
Dawn	**2,287**	14	765	1,508
Dusk	**6,422**	38	2,129	4,255
Darkness	**59,984**	534	21,021	38,429
Total	**181,999**	**1,042**	**62,735**	**118,222**
Road Surface Condition				
Dry	**105,792**	725	39,344	65,723
Wet	**46,181**	203	15,798	30,180
Loose Snow	**7,207**	23	1,707	5,477
Slush	**5,162**	15	1,290	3,857
Packed Snow	**5,350**	24	1,197	4,129
Ice	**11,010**	40	2,887	8,083
Mud	**121**	1	22	98
Loose Sand or Gravel	**1,176**	11	490	675
Total	**181,999**	**1,042**	**62,735**	**118,222**
Road Condition				
Good	**178,069**	1,023	61,488	115,558
Under Repair	**816**	1	284	531
Under Construction	**1,409**	9	435	965
Other	**1,705**	9	528	1,168
Total	**181,999**	**1,042**	**62,735**	**118,222**
Road Type				
Asphalt	**170,978**	946	58,839	111,193
Gravel or Crushed Stone	**7,381**	79	2,695	4,607
Concrete	**2,772**	16	919	1,837
Earth	**538**	—	175	363
Other	**330**	1	107	222
Total	**181,999**	**1,042**	**62,735**	**118,222**
Visibility				
Clear	**134,547**	832	47,731	85,984
Rain	**28,167**	110	9,616	18,441
Snow or Sleet	**16,741**	70	4,385	12,286
Fog, Mist, Smoke or Dust	**2,544**	30	1,003	1,511
Total	**181,999**	**1,042**	**62,735**	**118,222**
Place of Occurrence				
Urban Area	**119,248**	295	39,597	79,356
Kings Highway (Incl. Sec. Hwy.)	**32,685**	414	12,068	20,203
Other	**30,066**	333	11,070	18,663
Total	**181,999**	**1,042**	**62,735**	**118,222**
Road Location				
Non-Intersection	**73,656**	668	25,224	47,764
Intersection-Related	**29,963**	75	10,697	19,191
At Intersection	**46,954**	175	17,698	29,081
Intersection with Private Drive	**28,088**	79	7,912	20,097
At Railroad Crossing	**633**	20	258	355
Underpass or Tunnel	**323**	4	120	199
Overpass or Bridge	**2,038**	20	688	1,330
Other	**344**	1	138	205
Total	**181,999**	**1,042**	**62,735**	**118,222**

Summary of Motor Vehicle Traffic Accident Statistics
Number of Drivers and Pedestrians

Ontario 1983

	In All Accidents	In Fatal	In Personal Injury	In Property Damage Only
Sex of Driver				
Male	**218,081**	1,308	75,573	141,200
Female	**76,754**	267	27,554	48,933
Not Known	**14,420**	10	2,553	11,857
Total	**309,255**	**1,585**	**105,680**	**201,990**
Age of Driver				
Under 16	**405**	9	207	189
16-19 Years	**34,123**	163	12,382	21,578
20-24 "	**54,822**	355	19,749	34,718
25-34 "	**79,120**	420	27,556	51,144
35-44 "	**52,774**	267	18,334	34,173
45-54 "	**34,290**	167	11,844	22,279
55-64 "	**24,260**	107	8,144	16,009
65 & Over	**14,764**	86	4,815	9,863
Not Known	**14,697**	11	2,649	12,037
Total	**309,255**	**1,585**	**105,680**	**201,990**
Licence of Driver				
Licensed	**278,773**	1,408	97,098	180,267
Unlicensed	**5,409**	80	2,432	2,897
Not Known	**25,073**	97	6,150	18,826
Total	**309,255**	**1,585**	**105,680**	**201,990**
Residence of Driver				
Alberta	**463**	2	176	285
British Columbia	**230**	—	86	144
Manitoba	**246**	6	86	154
New Brunswick	**99**	—	27	72
Newfoundland	**51**	—	20	31
Nova Scotia	**111**	2	44	65
Ontario	**286,994**	1,500	100,385	185,109
Prince Edward Island	**26**	—	7	19
Quebec	**2,834**	17	853	1,964
Saskatchewan	**95**	2	28	65
Yukon and Northwest Territories	**8**	—	1	7
United States	**2,661**	31	993	1,637
Other Foreign	**310**	2	105	203
Not Known	**15,127**	23	2,869	12,235
Total	**309,255**	**1,585**	**105,680**	**201,990**
Condition of Driver				
Normal	**259,265**	981	87,327	170,957
Had Been Drinking	**15,491**	271	7,535	7,685
Ability Impaired Alcohol	**8,472**	229	3,924	4,319
Ability Impaired Drugs	**211**	2	90	119
Fatigue	**1,107**	10	562	535
Medical or Physical Defect	**609**	6	351	252
Not Known	**23,811**	82	5,767	17,962
Other	**289**	4	124	161
Total	**309,255**	**1,585**	**105,680**	**201,990**
Apparent Driver Action				
Driving Properly	**132,064**	633	46,887	84,544
Following Too Close	**15,829**	9	6,155	9,665
Speed Too Fast	**26,036**	307	10,495	15,234
Improper Turn	**12,165**	18	3,028	9,119
Disobey Traffic Signal	**6,044**	23	2,598	3,423
Disobey Stop Sign	**3,647**	30	1,663	1,954
Fail To Yield Right-Of-Way	**33,604**	126	10,097	23,381
Improper Passing	**4,696**	30	1,262	3,404
Lost Control	**22,861**	115	8,183	14,563
Wrong Way On One-Way Road	**317**	5	118	194
Disobey Other Controls	**148**	9	65	74
Not Known	**28,704**	168	7,081	21,455
Other	**23,140**	112	8,048	14,980
Total	**309,255**	**1,585**	**105,680**	**201,990**

	Killed	Injured
Condition of Pedestrian		
Normal	119	4,300
Had Been Drinking	16	453
Ability Impaired Alcohol	49	139
Ability Impaired Drugs	—	8
Fatigue	—	7
Medical or Physical Defect	3	100
Not Known	16	522
Other	1	89
Total	**204**	**5,618**
Pedestrian Action		
Crossing Intersection With Right of Way	14	1,020
Crossing Intersection Without Right of Way	13	461
Crossing Intersection, No Traffic Control	7	137
Crossing Pedestrian Crossover	2	157
Walking on Roadway With Traffic	19	149
Walking on Roadway Against Traffic	8	103
On Sidewalk or Shoulder	14	352
Coming From Behind Parked Vehicle or Object	3	372
Playing or Working on Highway	5	92
Running into Roadway	29	1,120
Crossing Through Traffic	48	803
Other	42	852
Total	**204**	**5,618**

Summary of Motor Vehicle Traffic Accident Statistics
Number of Victims

Ontario 1983

Type of Accident		Age of Persons Killed: Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Age of Persons Injured: Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Single Motor Vehicle		397	1	3	84	104	100	36	23	23	22	1	23,216	233	775	5,490	5,813	5,088	2,516	1,495	948	694	164
Collision With Motor Vehicle And	Other Motor Veh's	548	7	19	69	110	105	81	50	49	56	2	58,238	896	2,943	7,426	10,356	13,621	8,864	6,156	4,510	3,111	355
	Pedestrian	184	9	20	17	22	23	10	9	26	48	—	5,401	251	1,460	653	588	682	393	377	387	525	85
	Cyclist	48	1	17	12	—	6	2	3	1	4	2	4,024	41	1,294	909	606	388	146	80	48	31	481
	Railroad Train	20	—	1	—	5	4	2	2	5	1	—	137	1	5	16	21	31	17	21	9	10	6
	Street Car	—	—	—	—	—	—	—	—	—	—	—	115	—	4	10	17	27	21	15	14	7	—
	Farm Tractor	3	—	—	—	1	1	—	—	1	—	—	110	—	6	23	16	13	15	11	12	13	1
	Animal	1	—	—	1	—	—	—	—	—	—	—	361	6	18	62	76	101	49	30	15	4	—
	Other	3	—	—	2	—	—	—	1	—	—	—	104	2	7	28	25	22	4	6	6	1	3
Total		1,204	18	60	185	242	239	131	88	105	131	5	91,706	1,430	6,512	14,617	17,518	19,973	12,025	8,191	5,949	4,396	1,095

Victim	Victims By Class and Age Group — Killed: Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Victims By Class and Age Group — Injured: Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Driver	528	—	1	49	118	125	86	51	49	48	1	45,440	4	27	5,252	8,724	12,341	8,205	5,336	3,483	1,998	70
Passenger	302	8	17	70	60	48	22	20	26	29	2	30,283	1,131	3,553	5,775	5,434	5,111	2,866	2,245	1,966	1,797	405
Pedestrian	204	9	21	18	23	29	14	12	28	50	—	5,618	253	1,485	684	595	737	421	406	405	540	92
Bicyclist	49	1	17	13	—	6	2	3	1	4	2	4,002	31	1,288	906	603	395	146	68	43	29	493
Motorcycle Driver*	99	—	3	28	35	25	6	2	—	—	—	5,187	—	66	1,549	1,819	1,235	331	112	34	22	19
Motorcycle Passenger	19	—	1	6	5	6	1	—	—	—	—	954	3	48	408	311	133	34	8	3	1	5
Other**	3	—	—	1	1	—	—	—	1	—	—	222	8	45	43	32	21	22	16	15	9	11
Total	1,204	18	60	185	242	239	131	88	105	131	5	91,706	1,430	6,512	14,617	17,518	19,973	12,025	8,191	5,949	4,396	1,095

	Victims By Age Group and Sex — Killed: Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Victims By Age Group and Sex — Injured: Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Male	853	10	40	132	192	182	98	57	65	74	3	53,143	764	3,679	9,030	11,182	11,927	6,606	4,325	2,986	2,037	607
Female	351	8	20	53	50	57	33	31	40	57	2	38,406	665	2,825	5,583	6,332	8,045	5,416	3,866	2,960	2,358	356
Not Recorded	—	—	—	—	—	—	—	—	—	—	—	157	1	8	4	4	1	3	—	3	1	132
Total	1,204	18	60	185	242	239	131	88	105	131	5	91,706	1,430	6,512	14,617	17,518	19,973	12,025	8,191	5,949	4,396	1,095

Killed	Victims By Class and Sex: Total	Driver	Passenger	Pedestrian	Bicyclist	Motorcycle Driver*	Motorcycle Passenger	Other**
Male	853	425	147	127	42	97	12	3
Female	351	103	155	77	7	2	7	—
Total	1,204	528	302	204	49	99	19	3
Injured								
Male	53,143	29,570	12,021	3,044	2,905	4,976	466	161
Female	38,406	15,838	18,231	2,549	1,037	205	487	59
Not recorded	157	32	31	25	60	6	1	2
Total	91,706	45,440	30,283	5,618	4,002	5,187	954	222

Victims by Road Jurisdiction	Killed	Injured
Municipal (Excl Tp. Rd.)	307	54,972
Provincial Highway	507	19,913
Township	135	6,596
County or District	110	3,336
Regional Mun.	141	6,480
Other	4	409
Total	1,204	91,706

* Includes Moped Driver
** Includes Moped Passenger

Victims By Month of Occurrence: Month	Killed	Injured	Month	Killed	Injured
Jan.	73	6,325	July	131	9,055
Feb.	62	5,098	Aug.	138	8,930
Mar.	66	6,153	Sept	126	8,061
Apr.	82	6,086	Oct	100	8,467
May	110	7,957	Nov	95	8,305
June	132	8,877	Dec	89	8,392
			Total	1,204	91,706

Summary of Motor Vehicle Traffic Accident Statistics
Number of Vehicles

Ontario 1983

	In All Accidents	In Fatal	Personal Injury	Property Damage
Type of Vehicle				
Passenger Car	**252,509**	1,054	83,905	167,550
Passenger Car & Trailer	**668**	7	197	464
Truck	**44,789**	278	13,174	31,337
Truck & Trailer	**727**	6	196	525
Tractor & Semi-Trailer	**5,450**	133	1,601	3,716
Motorcycle	**6,241**	125	5,440	676
Bus	**2,396**	5	838	1,553
School Bus/Vehicle	**883**	4	264	615
Other Motor Vehicle/ Unknown	**12,268**	8	2,236	10,024
Non Motor Vehicle	**5,510**	75	4,471	964
Total	**331,441**	**1,695**	**112,322**	**217,424**

	In All Accidents	In Fatal	Personal Injury	Property Damage
Condition of Vehicle				
No Apparent Defect	**305,000**	1,455	105,060	198,485
Service Brakes Defective	**1,287**	14	597	676
Steering Defective	**344**	1	148	195
Tire Puncture or Blow Out	**920**	6	379	535
Tire Tread Insufficient	**808**	26	370	412
Headlamps Defective	**175**	7	102	66
Other Lamps or Reflectors Defective	**440**	7	136	297
Engine Controls Defective	**565**	4	152	409
Wheels or Suspension Defective	**362**	3	110	249
Vision Obscured	**176**	1	43	132
Trailer Hitch Defective	**142**	—	21	121
Other Defects	**2,072**	29	667	1,376
Not Known	**19,150**	142	4,537	14,471
Total	**331,441**	**1,695**	**112,322**	**217,424**

	In All Accidents	In Fatal	Personal Injury	Property Damage
Model Year of Vehicle				
1984	**1,940**	12	554	1,374
1983	**20,048**	127	7,312	12,609
1982	**25,599**	127	9,462	16,010
1981	**32,948**	149	11,076	21,723
1980	**31,779**	174	10,545	21,060
1979	**32,931**	167	10,905	21,859
1978	**32,018**	157	10,633	21,228
1977 & Earlier	**136,431**	706	45,624	90,101
Not Known	**17,747**	76	6,211	11,460
Total	**331,441**	**1,695**	**112,322**	**217,424**

	In All Accidents	In Fatal	Personal Injury	Property Damage
Vehicle Manoeuver				
Going ahead	**184,935**	1,378	69,139	114,418
Slowing/Stopping	**21,041**	17	7,855	13,169
Overtaking	**5,676**	58	1,805	3,813
Turning Left	**34,878**	79	11,321	23,478
Turning Right	**10,907**	13	2,953	7,941
Making "U" Turn	**1,138**	5	342	791
Changing Lanes	**10,572**	29	2,303	8,240
Merging	**1,018**	3	258	757
Reversing	**8,427**	3	885	7,539
Stopped or Parked	**42,680**	75	13,437	29,168
Pulling Away From Shoulder or Curb	**2,298**	5	429	1,864
Pulling Onto Shoulder or Into Curb	**562**	1	142	419
Not Known or Other	**7,309**	29	1,453	582
Total	**331,441**	**1,695**	**112,322**	**217,424**

	In All Accidents	In Fatal	Personal Injury	Property Damage
Insurance				
Insured	**306,893**	1,566	103,115	202,212
Not Insured	**5,246**	64	3,486	1,696
Not Known	**19,302**	65	5,721	13,516
Total	**331,441**	**1,695**	**112,322**	**217,424**

Amount of Property Damage

$407,104,879.00

Ontario

Ministry of
Transportation and
Communications

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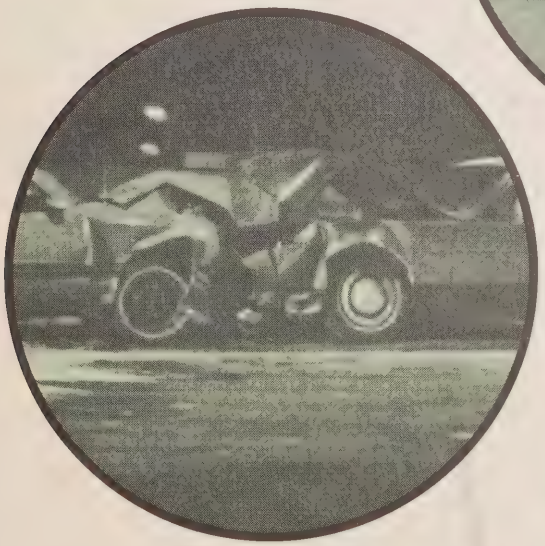
Ontario Motor Vehicle Accident Facts



1984

Ontario

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Motor Vehicle Accident Facts – 1984

Ontario

Ministry of
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Hon. Ed Fulton, Minister

Safety & Regulation
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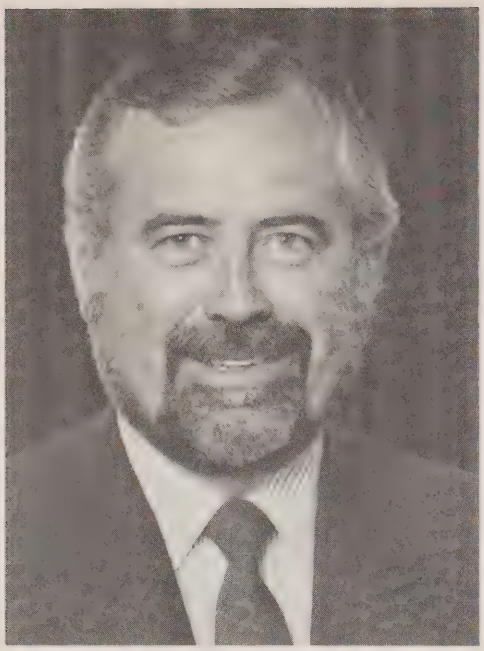

Ed Fulton

Minister's Message

I'm pleased to announce that Ontario motor vehicle accident fatalities declined in 1984 to the lowest total recorded in almost thirty years. Although the number of licensed drivers and registered vehicles continued to rise, the 1,132 road deaths which occurred in 1984 represented a 6.0 per cent reduction from 1983.

We attribute the reduction in motor vehicle accident fatalities to a number of factors which all work toward increased highway safety.

The work of community action groups, combined with media and enforcement campaigns, is making impaired driving intolerable to an increasingly large portion of society. The reduction in the number of alcohol involved driver fatalities during the Christmas season, for example, indicates many people are getting the message and making efforts to improve road safety.

In the area of seatbelts, our '84 roadside survey found substantial increases in driver and passenger seat belt usage compared to '81. Child restraint use was also up with some type of restraint used by 55 per cent of infants and 79 per cent of toddlers and preschoolers. However, many of the restraints were not used properly and an alarming number of infants were observed on other passengers' laps, a very unsafe situation.

Improvements to road design and vehicle design were also completed in 1984 and public education on good driving practices has continued. All of these factors contribute to making Ontario's roads safer.

Yet, while there have been encouraging signs, some types of tragic accidents remain. Fatal motorcycle accidents increased again, making 1984 our worst year on record with 142 deaths. In addition, young and inexperienced drivers continue to be over-represented in accidents. I am also concerned that the number of injuries resulting from motor vehicle accidents has not shown the same steady decline as has the number of fatalities.

In 1985, we shall continue to focus on improving highway safety because while we have seen marked improvements in fatal accident rates over the past decade, there are, I am convinced, still substantial gains to be made.

Ed Fulton

Ed Fulton
Minister of
Transportation and Communications

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Motor Vehicle Accidents
1975 - 1984

Year	Fatalities	Fatal Accidents	Personal Injury Accidents	All Motor Vehicle Accidents
1975	1,800	1,520	65,811	213,689
1976	1,511	1,265	58,028	211,865
1977	1,420	1,213	63,787	218,567
1978	1,450	1,263	62,664	186,363*
1979	1,560	1,316	67,201	197,196
1980	1,508	1,296	67,391	196,501
1981	1,445	1,234	67,292	198,372
1982	1,138	997	62,956	187,943
1983	1,204	1,042	62,735	181,999
1984	1,132	1,011	66,101	194,782

*Minimum reportable property damage amount changed from over $200 to over $400 on January 1, 1978.

Trends in Motor Vehicle Accidents
Death and Injury Rates Over the Period 1975 - 1984

Between 1975 and the end of 1984, Ontario's population and the number of licensed drivers, motor vehicle registrations and motor vehicle accidents (with the exception of the years 1976, 1978, 1980, 1982 and 1983) were all on the rise. During the past ten years, traffic deaths reached a high of 1,800 in 1975 and declined to a low of 1,132 in 1984 which is the lowest annual fatality total since the year 1958 when 1,112 persons were killed.

In the past year, the number of deaths decreased 6.0% from 1,204 deaths in 1983 to 1,132 deaths in 1984. The estimated population grew from 8.82 million to 9.02 million. The death rate per 100,000 population decreased to 12.5 from 13.7 last year. The death rate over the past ten years ranges from 21.9 to 12.5. The 1984 death rate of 12.5 is the lowest since the year 1944 at which time the population was 3.96 million and the death rate was 12.6 per 100,000 population.

There was an increase in the number of persons injured, from 91,706 in 1983 to 97,230 this year. The 1984 injury rate per 100,000 population increased to 1077.5 from 1040.2 in 1983.

Last year, the number of motor vehicle accidents reported totalled 194,782 an increase of 7.0% against the 1983 total of 181,999. There were decreases of 3.0% in fatal accidents and 6.0% in persons killed. The personal injury accidents and persons injured increased 5.4% and 6.0% respectively.

The motor vehicle accident rate per one million kilometres travelled this year increased to 2.9 from 2.8 last year and the fatal accident rate per 100 million kilometres travelled decreased from 1.6 to 1.5. The death rate per 100 million kilometres travelled decreased from 1.84 in 1983 to 1.70 this year. The 1984 death rate of 1.70 is the lowest since 1955.

The number of kilometres driven in 1984 was estimated at 66,722,565,000 an increase of 2.1% from the 1983 figure of 65,358,842,000.

Synopsis

During 1984, there were 194,782 reported motor vehicle accidents, an increase of 7.0% from the total of 181,999 accidents reported in 1983. This year, there were decreases of 3.0% in fatal accidents and 6.0% in persons killed. Accidents involving personal injuries increased 5.4% and persons injured increased 6.0%. Property damage only accidents increased by 8.0%.

The number of drivers killed (excluding motorcycle and moped drivers) decreased 12.9% while driver injuries increased 7.1%. Passengers killed decreased 6.6% and injuries increased 5.2%.

Motorcycle driver fatalitites increased 25.5% and injuries increased 3.5%. The number of motorcycle passengers killed remained the same as last year at 19 while injuries increased 8.6%. Bicyclists killed and injured increased 2.0% and 6.5% respectively.

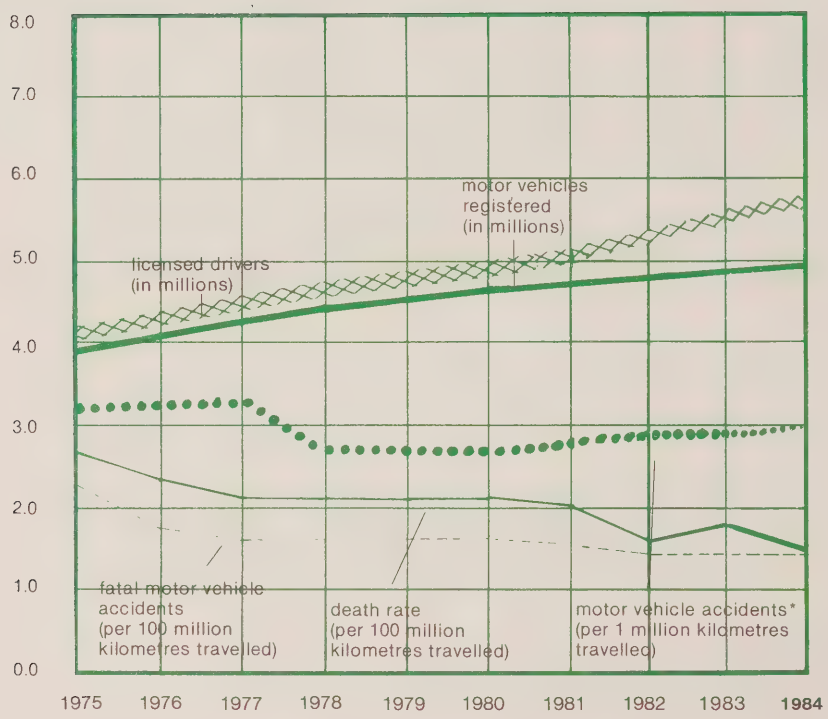
COMPARATIVE STATISTICS 1983 — 1984

	1983	1984	% of Change
Total Reportable Motor Vehicle Accidents	181,999	**194,782**	+7.0
Fatal Accidents	1,042	**1,011**	−3.0
Personal Injury Accidents	62,735	**66,101**	+5.4
Property Damage Only Accidents	118,222	**127,670**	+8.0
Persons Killed	1,204	**1,132**	−6.0
Persons Injured	91,706	**97,230**	+6.0
Vehicle Accident Rate per Million Kilometres Travelled*	2.8	**2.9**	+3.6
Fatal Accident Rate per 100 Million Kilometres Travelled*	1.6	**1.5**	−6.3
Death Rate per 100 Million Kilometres Travelled*	1.8	**1.7**	−5.6
Motor Vehicles Registered	4,356,304	**4,969,613**	+14.1
Millions of Vehicle Kilometres Travelled	65,359**	**66,722****	+2.1
Ontario Population	8,815,900*	**9,023,900***	+2.4
Licensed Drivers	5,380,259	**5,513,911**	+2.5
Amount of Property Damage	$407,104,879*	**$461,533,108***	+13.4

*Estimated

**Kilometres travelled estimated on the basis of 22.08 kilometres per gallon of taxed gasoline and motor fuel.

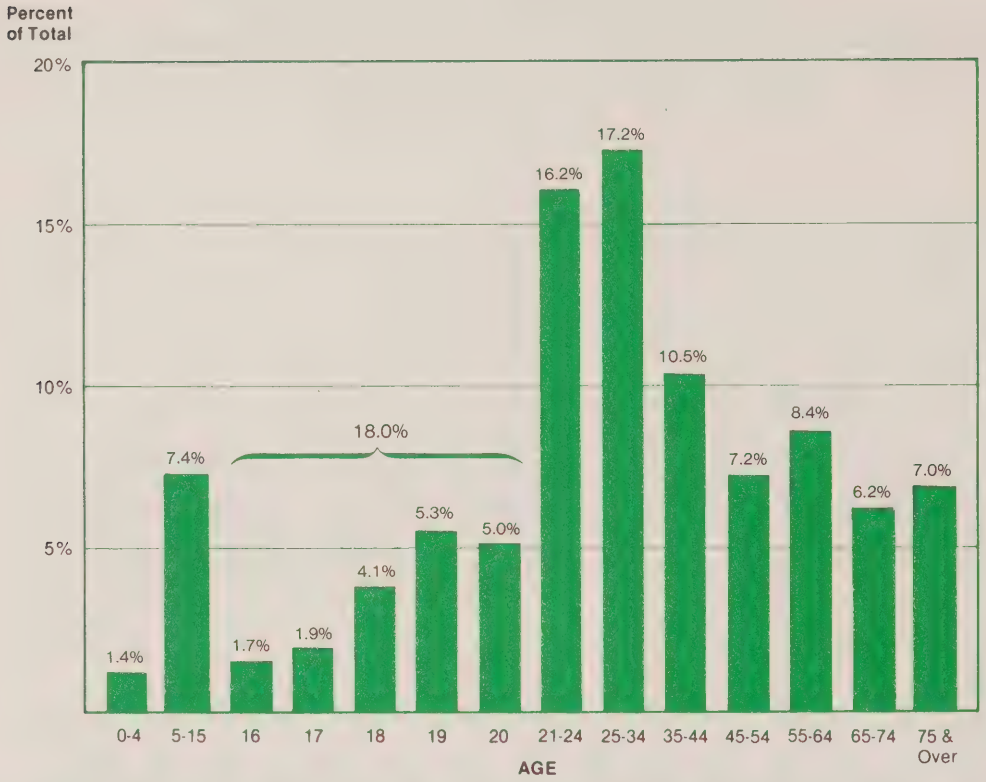
Trends in Motor Vehicle Registrations, Licensed Drivers, Motor Vehicle Accident Rates, Death Rates, Fatal Accident Rates 1975 – 1984



*On January 1, 1978 the reporting criterion for property damage only accidents was raised from $200 to $400.

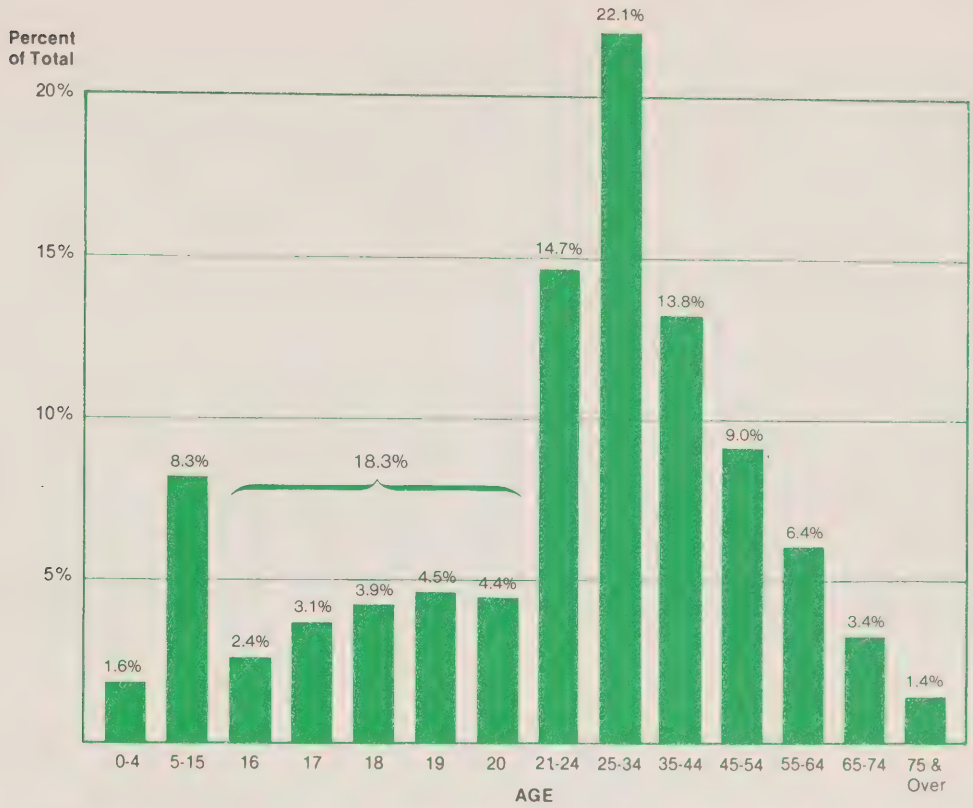
Deaths & Injuries

Class of Victims Killed — by Age — 1984



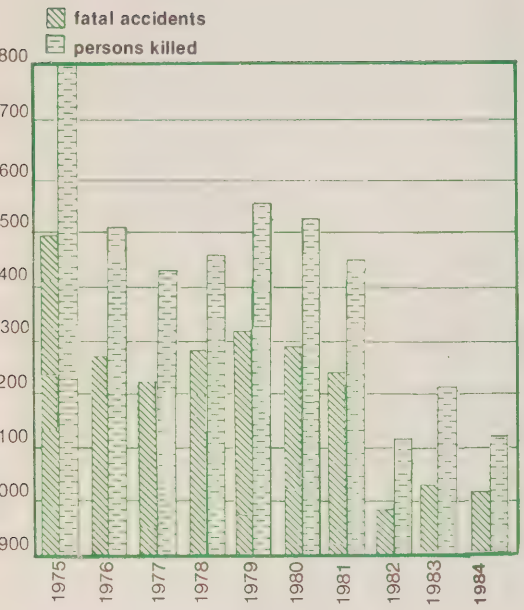
Victim	Total	Class of Victims Killed — By Age — 1984														
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Not Stated
Driver	460	1	1	7	6	12	15	30	69	108	63	44	46	32	23	3
Passenger	282	9	30	4	8	20	22	12	46	34	20	13	27	14	23	–
Pedestrian	189	6	25	2	4	4	6	3	17	13	19	19	16	23	32	–
Bicyclist	50	–	23	2	–	2	3	1	–	5	5	3	2	–	1	3
Moped Driver	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Motorcycle Driver	123	–	3	3	2	6	13	10	44	27	11	2	2	–	–	–
Motorcycle Passenger	19	–	1	–	1	2	1	1	8	5	–	–	–	–	–	–
Other	8	–	–	1	–	–	–	–	–	3	1	–	2	1	–	–
Total	1,132	16	84	19	21	46	60	57	184	195	119	81	95	70	79	6

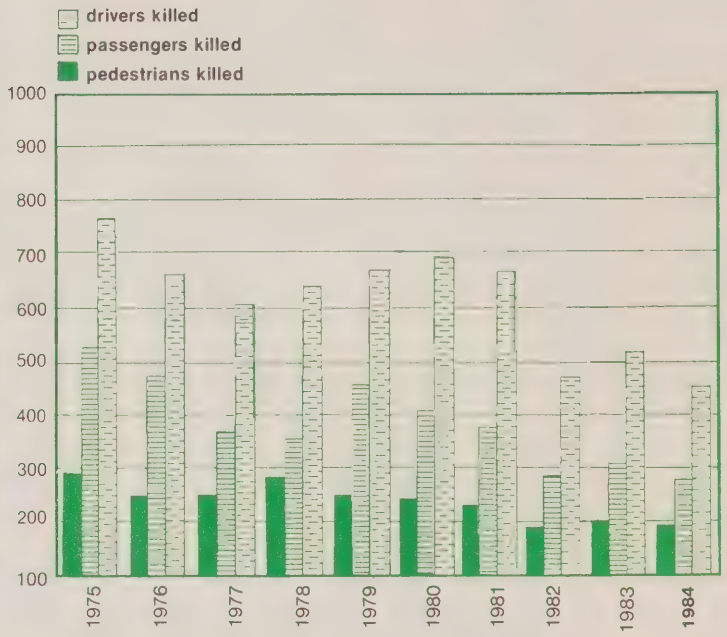
Class of Victims Injured — by Age — 1984



Victim	Total	Class of Victims Injured — By Age — 1984														
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Not Stated
Driver	48,674	3	50	583	1,077	1,538	1,887	1,928	7,324	13,473	9,209	5,715	3,684	1,633	515	55
Passenger	31,865	1,276	4,549	1,060	1,216	1,322	1,465	1,382	4,296	5,348	3,196	2,458	2,098	1,304	630	265
Pedestrian	5,767	265	1,637	144	140	132	121	122	474	796	505	407	373	331	247	73
Bicyclist	4,262	33	1,581	216	174	173	219	165	520	438	126	77	59	23	14	444
Moped Driver	65	–	4	1	2	6	7	1	5	14	8	6	7	4	–	–
Motorcycle Driver	5,323	–	65	201	328	458	579	528	1,420	1,238	352	96	36	10	2	10
Motorcycle Passenger	1,036	1	97	65	77	116	115	109	234	150	50	14	1	–	–	7
Other	238	9	69	16	15	11	5	11	42	24	11	12	4	5	1	3
Total	97,230	1,587	8,052	2,286	3,029	3,756	4,398	4,246	14,315	21,481	13,457	8,785	6,262	3,310	1,409	857

Fatal Accidents and Persons Killed
1975 – 1984



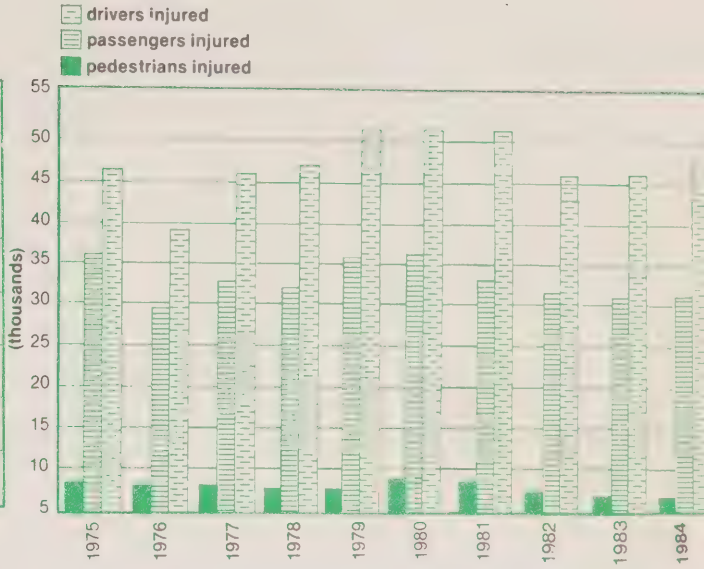


FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES											
		Driver		Passenger*		Pedestrian		All Others		All Classes	
Year	Ontario Population (Est.)	No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1975	8,226,000	774	13.0	540	6.6	294	3.6	192	2.3	1,800	21.9
1976	8,265,000	648	10.8	461	5.6	251	3.0	151	1.8	1,511	18.3
1977	8,373,000	609	10.1	393	4.7	252	3.0	166	2.0	1,420	17.0
1978	8,444,000	623	9.9	383	4.5	284	3.4	160	1.9	1,450	17.2
1979	8,546,000	668	10.4	468	5.5	273	3.2	151	1.8	1,560	18.3
1980	8,570,000	682	10.5	413	4.8	266	3.1	147	1.7	1,508	17.6
1981	8,625,000	657	9.9	393	4.6	237	2.7	158	1.8	1,445	16.8
1982	8,715,000	487	7.3	296	3.4	179	2.1	176	2.0	1,138	13.1
1983	8,816,000	528	7.8	302	3.4	204	2.3	170	1.9	1,204	13.7
1984	**9,024,000**	**460**	**6.6**	**282**	**3.1**	**189**	**2.1**	**201**	**2.2**	**1,132**	**12.5**

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others".)

**Rate per 100,000 population 16 years of age and over.

Personal Injury Accidents and Persons Injured 1975 – 1984



NON-FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1975	8,226,000	45,847	772.7	35,658	433.5	7,299	88.7	8,230	100.0	97,034	1,179.6
1976	8,265,000	39,631	659.8	29,553	357.6	7,218	87.3	7,334	88.7	83,736	1,013.1
1977	8,373,000	45,620	756.7	34,854	416.3	6,998	83.6	8,192	97.8	95,664	1,142.5
1978	8,444,000	46,953	746.8	34,578	409.5	6,314	74.8	7,494	88.7	94,979	1,124.8
1979	8,546,000	50,618	787.5	36,332	425.1	6,436	75.3	7,935	92.9	101,321	1,185.6
1980	8,570,000	50,653	778.7	35,982	419.8	6,548	76.4	8,184	95.5	101,367	1,182.8
1981	8,625,000	50,574	765.8	34,450	399.4	6,344	73.6	8,953	103.8	100,321	1,163.1
1982	8,715,000	45,409	677.6	31,588	362.4	5,981	68.6	9,837	112.9	92,815	1,065.0
1983	8,816,000	45,440	667.1	30,283	343.5	5,618	63.7	10,365	117.6	91,706	1,040.2
1984	**9,024,000**	**48,674**	**694.0**	**31,865**	**353.1**	**5,767**	**63.9**	**10,924**	**121.0**	**97,230**	**1,077.5**

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others".)

**Rate per 100,000 population 16 years of age and over.

Motorcycle Accident Statistics

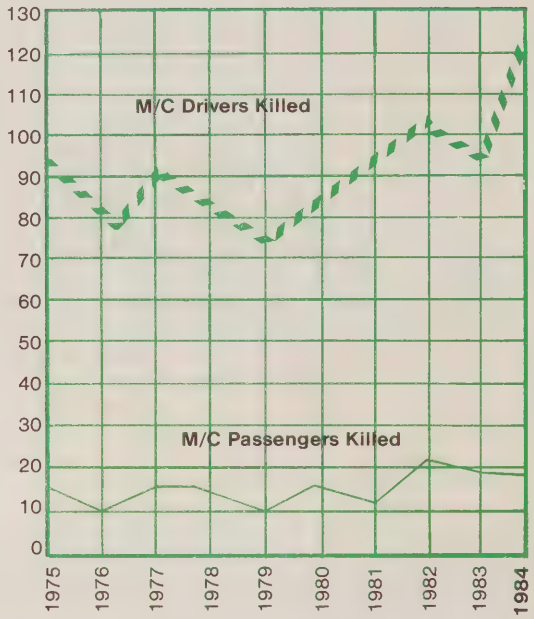
During 1984, the number of motorcyclists killed increased 21.4% and injuries increased 4.3%.

The motorcycle driver fatality rate per 100,000 drivers in 1984 increased from 29.8 in 1983 to 34.2 this year. The motorcycle driver injury rate per 100,000 drivers decreased from 1565.5 in 1983 to 1478.9 this year.

The number of licensed drivers authorized to operate motorcycles increased 9.6% from 328,518 in 1983 to 359,938. Motorcycle registrations were up 9.1% from 133,300 in 1983 to an estimated 145,430 this year.

Summary of Factors Relevant To Motorcycle Fatal Accidents

	1982	1983	1984
• Unlicensed Motorcycle Drivers	34%	33%	**31%**
• Young, Inexperienced Motorcycle Drivers			
• Under 25 Years Old	65%	67%	**66%**
• Valid "M" Licence Less Than One Year	21%	16%	**15%**
• Alcohol Used (Fatalities)	62%	60%	**57%**
• Helmet Not Worn (Fatalities)	14%	10%	**14%**
• Motorcycle Driver Error			
• Speed Too Fast/Lost Control	53%	55%	**58%**
• Other Error	18%	23%	**13%**
• Single Vehicle Accidents	46%	36%	**48%**
• Time of Occurrence			
• Day/Night	50/50	50/50	**40/60**
• Weekend	50%	50%	**50%**



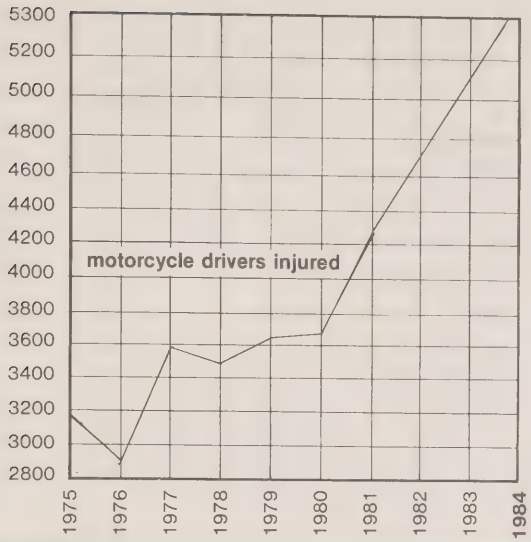
	MOTORCYCLISTS KILLED AND INJURED*							
Year	**Drivers**				**Passengers**			
	Killed	**% + −**	**Injured**	**% + −**	**Killed**	**% + −**	**Injured**	**% + −**
1975	97	+12.8	3,181	− 2.4	16	+ 23.1	679	− 4.1
1976	78	− 19.6	2,818	− 11.4	10	− 37.5	648	− 4.6
1977	88	+ 12.8	3,594	+ 27.5	17	+ 70.0	807	+ 24.5
1978	80	− 9.1	3,453	− 3.9	17	—	697	− 13.6
1979	75	− 6.2	3,667	+ 6.2	10	− 41.2	710	+ 1.9
1980	81	+ 8.0	3,696	+ 0.8	18	+ 80.0	772	+ 8.7
1981	94	+ 16.0	4,303	+ 16.4	13	− 27.8	886	+ 14.8
1982	104	+ 10.6	4,711	+ 9.5	22	+ 69.2	930	+ 5.0
1983†	98	− 5.8	5,143	+ 9.2	19	− 13.6	954	+ 2.6
1984††	**123**	**+25.5**	**5,323**	**+ 3.5**	**19**	**—**	**1,036**	**+ 8.6**

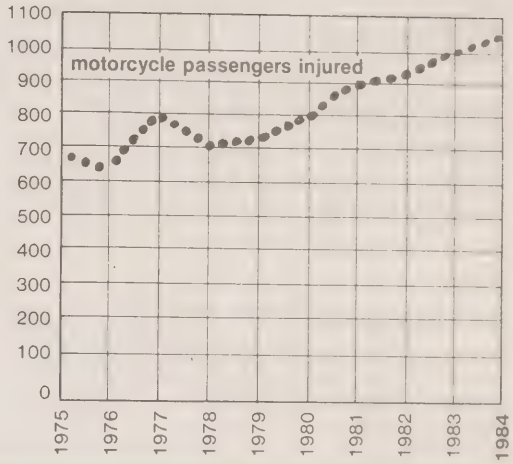
*Excludes moped drivers and passengers.

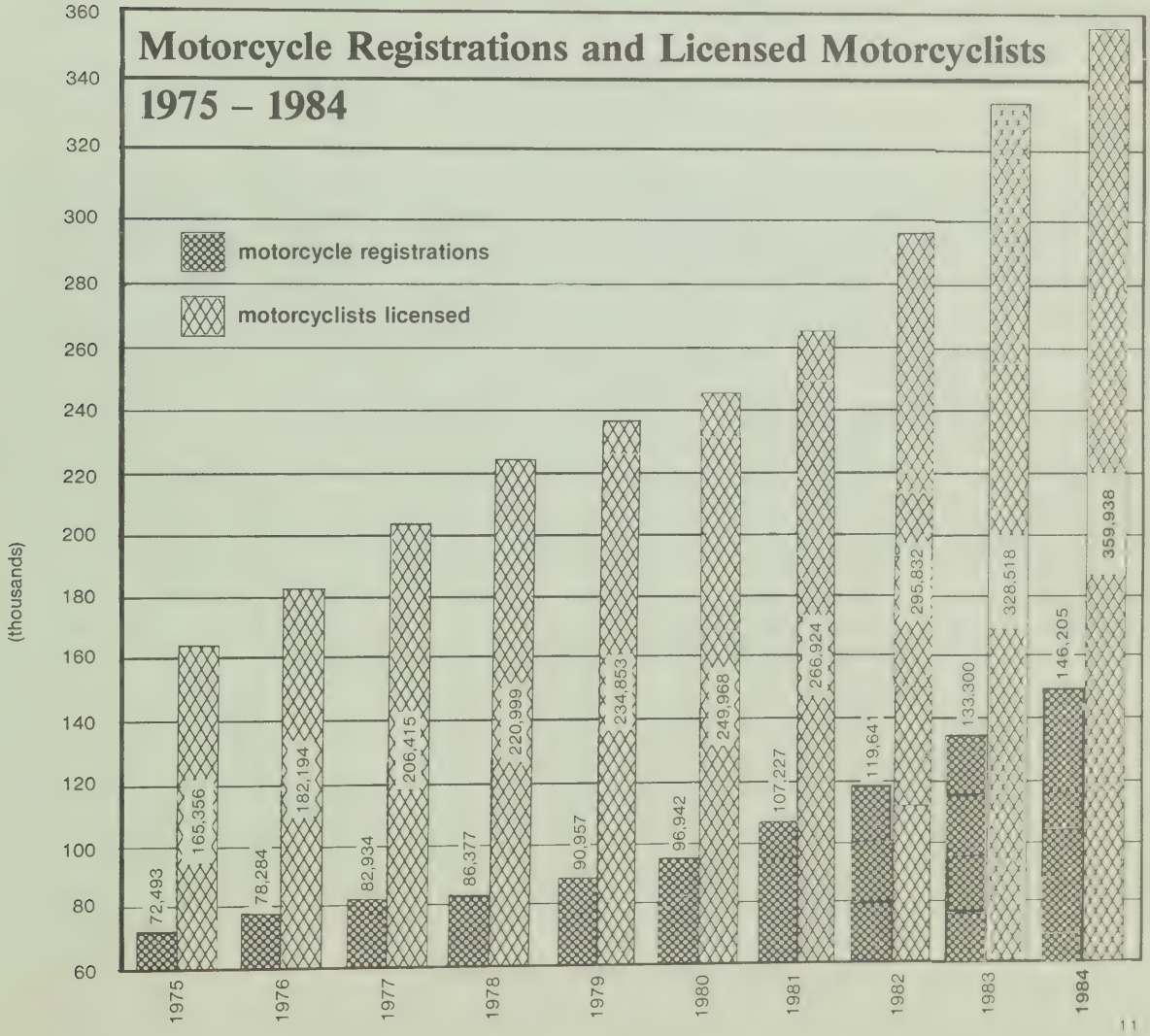
†Totals include 3 All Terrain Vehicle (A.T.V.) Driver fatalities and 74 injuries and 1 A.T.V. Passenger fatality and 13 injuries.

††Totals include 7 All Terrain Vehicle (A.T.V.) Driver fatalities and 51 injuries and 19 A.T.V. Passenger injuries.

Motorcyclists Injured 1975 - 1984







All Terrain Vehicle Accident Victims - 1983

ON HIGHWAY

VICTIMS	AGE GROUPS																	
	0-15		16-20		21-24		25-34		35-44		45-54		55-64		65+		TOTAL	
	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I
Driver - Male	2	15	—	25	—	9	1	9	—	3	—	2	—	—	—	2	3	65
Driver - Female	—	4	—	3	—	—	—	2	—	—	—	—	—	—	—	—	—	9
Passenger - Male	1	4	—	5	—	—	—	—	—	—	—	—	—	—	—	—	1	9
Passenger - Female	—	1	—	2	—	—	—	1	—	—	—	—	—	—	—	—	—	4
Pedestrian - Male	1	1	—	—	—	—	—	1	—	—	—	1	—	—	—	—	1	3
Pedestrian - Female	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Other Victim - Male	—	2	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	4
Other Victim - Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL	**4**	**29**	**—**	**36**	**—**	**10**	**1**	**13**	**—**	**3**	**—**	**3**	**—**	**—**	**—**	**2**	**5**	**96**

On Highway Accidents — 4 Fatal, 81 Personal Injury

OFF HIGHWAY

VICTIMS	AGE GROUPS																	
	0-15		16-20		21-24		25-34		35-44		45-54		55-64		65+		TOTAL	
	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I
Driver - Male	1	33	1	21	1	13	1	4	—	5	—	2	—	1	—	—	4	79
Driver - Female	—	5	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	6
Passenger - Male	—	10	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—	15
Passenger - Female	—	5	—	3	—	1	—	—	—	—	—	—	—	—	—	—	—	9
Pedestrian - Male	—	2	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	3
Pedestrian - Female	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Other Victim - Male	—	2	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	3
Other Victim - Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL	**1**	**58**	**1**	**30**	**1**	**14**	**1**	**4**	**—**	**7**	**—**	**2**	**—**	**1**	**—**	**—**	**4**	**116**

Off Highway Accidents — 4 Fatal, 84 Personal Injury, 2 Property Damage only.

Total
All Terrain Vehicle Accident Victims - 1983

VICTIMS	AGE GROUPS																	
	0-15		16-20		21-24		25-34		35-44		45-54		55-64		65+		TOTAL	
	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I	K	I
Driver - Male	3	48	1	46	1	22	2	13	—	8	—	4	—	1	—	2	7	144
Driver - Female	—	9	—	3	—	—	—	2	—	1	—	—	—	—	—	—	—	15
Passenger - Male	1	14	—	10	—	—	—	—	—	—	—	—	—	—	—	—	1	24
Passenger - Female	—	6	—	5	—	1	—	1	—	—	—	—	—	—	—	—	—	13
Pedestrian - Male	1	3	—	—	—	—	—	1	—	1	—	1	—	—	—	—	1	6
Pedestrian - Female	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3
Other Victim - Male	—	4	—	2	—	1	—	—	—	—	—	—	—	—	—	—	—	7
Other Victim - Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL	**5**	**87**	**1**	**66**	**1**	**24**	**2**	**17**	**—**	**10**	**—**	**5**	**—**	**1**	**—**	**2**	**9**	**212**

Total Accidents — 8 Fatal, 165 Personal Injury, 2 Property Damage only.

Summary of Factors Relevant to All-Terrain Vehicle Accidents 1983

Driver Error

- Speed Too Fast/Lost Control 54%
- Other Error 31%

Driver Condition

- Normal 80%
- Ability Impaired Alcohol/ Had Been Drinking 13%
- Unknown 7%

Drivers Killed/Injured - Age

- 15 years or less 36%
- 16 - 20 years 30%
- 21 - 24 years 14%

Helmet Worn
(Drivers) 94%

Time of Occurrence

- Day 75%
- Night 19%

All-Terrain Vehicle Accident Victims/Factors – 1984

ON HIGHWAY

AGE	DRIVERS			PASSENGERS			TOTAL
	KILLED	INJURED	TOTAL	KILLED	INJURED	TOTAL	DR'S. & PASS
-16	–	13	13	–	9	9	22
16-19	1	15	16	–	4	4	20
20-24	4	9	13	–	3	3	16
25-34	–	8	8	–	2	2	10
35+	2	6	8	–	1	1	9
TOTAL	7	51	58	–	19	19	77

ON HIGHWAY ACCIDENTS – 7 FATAL, 58 PERSONAL INJURY, 7 PROPERTY DAMAGE ONLY

OFF HIGHWAY

AGE	DRIVERS			PASSENGERS			TOTAL
	KILLED	INJURED	TOTAL	KILLED	INJURED	TOTAL	DR'S. & PASS
-16	–	20	20	–	8	8	28
16-19	–	17	17	–	1	1	18
20-24	–	16	16	–	–	–	16
25-34	–	9	9	–	4	4	13
35+	–	8	8	–	3	3	11
TOTAL	–	70	70	–	16	16	86

OFF HIGHWAY ACCIDENTS – 0 FATAL, 73 PERSONAL INJURY, 5 PROPERTY DAMAGE ONLY

ON/OFF HIGHWAY

AGE	DRIVERS			PASSENGERS			TOTAL
	KILLED	INJURED	TOTAL	KILLED	INJURED	TOTAL	DR'S. & PASS
-16	–	33	33	–	17	17	50
16-19	1	32	33	–	5	5	38
20-24	4	25	29	–	3	3	32
25-34	–	17	17	–	6	6	23
35+	2	14	16	–	4	4	20
TOTAL	7	121	128	–	35	35	163

TOTAL ACCIDENTS – 7 FATAL, 131 PERSONAL INJURY, 12 PROPERTY DAMAGE ONLY
NOTE: 1983 TOTALS – 8 FATAL, 165 PERSONAL INJURY, 2 PROPERTY DAMAGE ONLY

OTHER VICTIMS IN ON/OFF HIGHWAY ACCIDENTS

AGE	KILLED		INJURED		TOTAL
	ON	OFF	ON	OFF	
-16	–	–	1	1	2
16-19	–	–	–	–	–
20-24	–	–	2	–	2
25-34	–	–	–	–	–
35+	–	–	4	1	5
TOTAL	–	–	7	2	9

All Terrain Vehicle Accident Factors – 1984

DRIVER CONDITION AND CLASSIFICATION OF ACCIDENT

CONDITION	ON HIGHWAY			OFF HIGHWAY		
	FATAL	INJURY	P.D.O.	FATAL	INJURY	P.D.O.
Normal	–	37	6	–	59	4
Had Been Drinking	2	17	–	–	9	–
Impaired	–	1	–	–	–	–
Other	–	–	–	–	–	–
Unknown	5	4	1	–	5	1

DRIVER ACTION

ACTION	ON	OFF
Driving Properly	10%	18%
Speed Too Fast	48%	40%
Failed To Yield The Right Of Way	14%	3%
Lost Control	14%	19%
Other	8%	5%
Unknown	6%	15%

ACCIDENT INVOLVING ATV AND:

	ON	OFF
Other Motor Vehicle	39%	19%
Other ATV	3%	9%
Other Movable Object	4%	3%
Fixed Object – Man Made	6%	10%
– Natural	22%	31%
Non-Collision Event	26%	28%

LOCATION

On Highway –	48%
Off Highway Including –	52%
• Trail	8%
• Private Road	20%
• Field	13%
• Parking Lot	3%
• Other	6%
• Unknown	2%

ACCIDENTS BY MONTH OF OCCURRENCE

OTHER FACTORS

	ON	OFF
Male	89%	85%
Helmet Not Worn	42%	39%
Vehicle Type – 2 Wheeled	8%	1%
– 3 Wheeled or More	85%	92%
Environment – Dry	90%	96%
– Day	75%	86%
– Southern Ontario	56%	62%
Vehicle Registered	43%	47%

Actions and Conditions of Pedestrians Killed and Injured 1983 – 1984

ACTIONS OF PEDESTRIANS KILLED AND INJURED				
	1983		1984	
Action	Killed	Injured	Killed	Injured
Crossing Intersection With Right of Way	14	1,020	7	1,076
Crossing Intersection Without Right of Way	13	461	11	424
Crossing Intersection No Traffic Control	7	137	8	135
Crossing Pedestrian Crossover	2	157	2	194
Walking on Roadway With Traffic	19	149	12	207
Walking on Roadway Against Traffic	8	103	11	90
On Sidewalk or Shoulder	14	352	11	362
Coming from Behind Parked Vehicle or Object	3	372	6	351
Playing or Working on Highway	5	92	4	93
Running into Roadway	29	1,120	25	1,151
Crossing Through Traffic	48	803	61	854
Other	42	852	31	830
Total	**204**	**5,618**	**189**	**5,767**

CONDITION OF PEDESTRIANS KILLED AND INJURED				
	1983		1984	
Condition	Killed	Injured	Killed	Injured
Normal	119	4,300	97	4,530
Had Been Drinking	16	453	20	420
Ability Impaired by Alcohol	49	139	38	138
Ability Impaired by Drugs	–	8	–	4
Fatigue	–	7	–	3
Medical or Physical Defect	3	100	7	98
Not Known	16	522	25	504
Other	1	89	2	70
Total	**204**	**5,618**	**189**	**5,767**

Selected Characteristics

Selected Characteristics of Motor Vehicle Accidents

The following tables present motor vehicle accident information in relation to selected driver, vehicle and road characteristics. Listings of accidents by various geographic areas of the province are included.

CONDITION OF DRIVER

Condition	All Accidents				Fatal Accidents			
	1983	%	1984	%	1983	%	1984	%
Apparently Normal	259,265	83.8	281,984	84.4	998	63.0	988	62.4
Ability Impaired by Alcohol	8,472	2.7	8,645	2.6	338	21.3	281	17.8
Had Been Drinking	15,491	5.0	15,094	4.5	170	10.7	211	13.3
Other	2,216	0.7	2,236	0.7	4	0.3	12	0.8
Not Known	23,811	7.7	25,992	7.8	75	4.7	90	5.7
Total	**309,255**	**100.0**	**333,951**	**100.0**	**1,585**	**100.0**	**1,582**	**100.0**

RECORDED OCCURRENCE OF ALCOHOL IN DRIVERS KILLED

Recorded Occurrence	Number of Drivers*			
	1983	%	1984	%
Apparently Normal	303	48.9	292	50.9
Ability Impaired by Alcohol	259	41.8	206	35.9
Had Been Drinking	57	9.2	76	13.2
Total	**619**	**100.0**	**574**	**100.0**

*Excludes cases where alcohol usage was not provided.

Driver Condition by Age and Apparent Driver Action in all Motor Vehicle Accidents 1983 – 1984

DRIVER CONDITION BY AGE IN ALL MOTOR VEHICLE ACCIDENTS												
Driver's Age	Normal		Ability Impaired – Alcohol		Had Been Drinking		Other		Not Known		Total	
	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
Under 16	318	298	7	4	22	22	13	10	45	31	405	**365**
16	4,010	3,972	37	42	163	176	27	24	174	143	4,411	**4,357**
17	6,885	6,999	153	118	446	371	60	55	246	262	7,790	**7,805**
18	8,927	8,788	270	239	777	647	95	71	374	341	10,443	**10,086**
19	9,467	9,904	400	368	1,131	1,091	94	108	386	452	11,478	**11,923**
20	9,685	10,293	405	437	1,090	1,125	111	119	446	427	11,737	**12,401**
21 - 24	36,079	39,897	1,593	1,680	3,582	3,651	296	356	1,535	1,734	43,085	**47,318**
25 - 34	69,063	75,113	2,490	2,758	4,487	4,399	512	467	2,568	2,706	79,120	**85,443**
35 - 44	47,471	53,356	1,513	1,489	1,985	1,919	301	301	1,504	1,708	52,774	**58,773**
45 - 54	31,185	34,028	925	819	983	935	226	210	971	918	34,290	**36,910**
55 - 64	22,329	24,040	503	520	560	515	213	217	655	644	24,260	**25,936**
65 - 74	10,387	11,180	136	143	212	190	152	174	289	283	11,176	**11,970**
75 & Over	3,319	3,933	14	12	36	35	110	120	110	120	3,589	**4,220**
Not Known	140	183	26	16	17	18	6	4	14,508	16,223	14,697	**16,444**
Total	**259,265**	**281,984**	**8,472**	**8,645**	**15,491**	**15,094**	**2,216**	**2,236**	**23,811**	**25,992**	**309,255**	**333,951**

APPARENT DRIVER ACTION IN ALL MOTOR VEHICLE ACCIDENTS				
Action	1983	% of Total	1984	% Of Total
Driving Properly	132,064	42.7	**144,064**	43.1
Following Too Close	15,829	5.1	**17,379**	5.2
Speed Too Fast	26,036	8.4	**27,338**	8.2
Improper Turn	12,165	3.9	**13,354**	4.0
Disobey Traffic Signal	6,044	2.0	**6,565**	2.0
Disobey Stop Sign	3,647	1.2	**3,849**	1.2
Fail to Yield Right of Way	33,604	10.9	**36,372**	10.9
Improper Passing	4,696	1.5	**5,285**	1.6
Lost Control	22,861	7.4	**23,197**	6.9
Wrong Way On One-Way Road	317	0.1	**319**	0.1
Disobey Other Control	148	0.1	**154**	0.1
Other*	23,140	7.5	**25,216**	7.5
Not Known	28,704	9.2	**30,859**	9.2
Total	309,255	**100.0**	**333,951**	**100.0**

*Includes actions defined as Careless Driving, Inattentive Driving, Fell Asleep, Hit and Run, On Wrong Side of Road, Improper Parking, Impaired, Illegally Parked, Dangerous Driving, Inexperience, etc.

Driver Seat Belt Usage by Nature of Injury 1983 - 1984

DRIVER SEAT BELT USAGE BY NATURE OF INJURY – 1984*

Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1984	%	1984	%	1984	%	1984	%	1984	%	1984	%
Killed	235	1.13	137	0.05	74	0.9	2	0.1	12	0.1	**460**	0.1
Injured	6,585	31.7	39,470	14.4	1,869	22.3	408	15.2	342	1.7	**48,674**	14.9
Not Injured	13,969	67.2	235,536	85.6	6,419	76.8	2,278	84.7	19,994	98.2	**278,196**	85.0
Total	**20,789**	**100.0**	**275,143**	**100.0**	**8,362**	**100.0**	**2,688**	**100.0**	**20,348**	**100.0**	**327,330**	**100.0**

DRIVER SEAT BELT USAGE BY NATURE OF INJURY — 1983*

Nature of Injury	Installed Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1983	%	1983	%	1983	%	1983	%	1983	%	1983	%
Killed	302	1.22	129	0.05	73	0.9	7	0.2	17	0 1	**528**	0 2
Injured	7,505	30.4	35,111	14 1	1,946	23.0	476	15.0	402	2 1	**45,440**	15 0
Not Injured	16,835	68.3	212,764	85.8	6,424	76.1	2,703	84.8	18,400	97 8	**257,126**	84 8
Total	**24,642**	**100.0**	**248,004**	**100.0**	**8,443**	**100.0**	**3,186**	**100.0**	**18,819**	**100.0**	**303,094**	**100.0**

*Excludes Motorcycle and Moped Drivers

Note: Mandatory usage of seat belts came into effect on January 1, 1976.

In 1984, 84.1% of the drivers involved in motor vehicle accidents were reported to have been using their seat belts and 6.4% were not using them as compared to 81.8% of the drivers in 1983 who were using their seat belts and 8.1% were not.

During 1984, there were 12.9% fewer driver fatalities while drivers injured increased 7.1%. Out of the 20,789 drivers involved who had seat belts installed but were not using them 1.13% (235) were killed, 31.7% (6,585) were injured and 67.2% (13,969) were not injured. In comparison, 0.05% (137) of the drivers who were using their seat belts were killed, 14.4% (39,470) were injured and 85.6% (235,536) were not injured.

Driver Severity of Injury by Seat Belt Usage 1983-1984

DRIVER – SEVERITY OF INJURY BY SEAT BELT USAGE – 1984*								
Severity of Injury	Installed — In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1984	%	1984	%	1984	%	1984	%
None	235,536	85.6	16,247	69.2	26,413	92.0	**278,196**	85.0
Minimal	24,990	9.1	3,109	13.2	895	3.1	**28,994**	8.9
Minor	12,557	4.6	2,721	11.6	822	2.9	**16,100**	4.9
Major	1,923	0.7	1,163	5.0	494	1.7	**3,580**	1.1
Fatal	137	0.04	237	1.00	86	0.3	**460**	0.1
Total	**275,143**	**100.0**	**23,477**	**100.0**	**28,710**	**100.0**	**327,330**	**100.0**

DRIVER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1983*								
Severity of Injury	Installed — In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1983	%	1983	%	1983	%	1983	%
None	212,764	85.8	19,538	70.2	24,824	91.1	**257,126**	84.8
Minimal	22,015	8.9	3,549	12.8	925	3.4	**26,489**	8.7
Minor	11,323	4.6	3,184	11.4	898	3.3	**15,405**	5.1
Major	1,773	0.7	1,248	4.5	525	1.9	**3,546**	1.2
Fatal	129	0.05	309	1.11	90	0.3	**528**	0.2
Total	**248,004**	**100.0**	**27,828**	**100.0**	**27,262**	**100.0**	**303,094**	**100.0**

*Excludes Motorcycle & Moped Drivers

Definitions of injuries:

Minimal — Persons did not go to a hospital when leaving the scene of the accident. This includes minor abrasions and bruises, complaint of pain, etc, providing the person chose not to go to a hospital.

Minor - Persons with injuries or complaint of pain that went to a hospital but were treated in the emergency room and released (not admitted to a hospital).

Major — Persons with injuries or complaint of pain that went to a hospital and were subsequently admitted. This includes admitted for observation only.

Passenger Seat Belt Usage by Nature of Injury 1983-1984

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY – 1984*												
Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1984	%	1984	%	1984	%	1984	%	1984	%	1984	%
Killed	140	0.94	83	0.06	44	0.9	14	0.2	1	0.01	282	0.2
Injured	5,705	38.5	22,711	16.5	1,157	24.5	2,067	29.2	225	2.5	31,865	18.4
Not Injured	8,985	60.6	114,461	83.4	3,513	74.5	4,998	70.6	8,902	97.5	140,859	81.4
Total	**14,830**	**100.0**	**137,255**	**100.0**	**4,714**	**100.0**	**7,079**	**100.0**	**9,128**	**100.0**	**173,006**	**100.0**

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1983*												
Nature of Injury	Installed Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1983	%	1983	%	1983	%	1983	%	1983	%	1983	%
Killed	163	0.87	75	0.06	42	0.8	19	0.3	3	0.1	302	0.2
Injured	6,697	36.0	19,918	16.0	1,235	22.9	2,119	28.9	314	4.1	30,283	18.6
Not Injured	11,743	63.1	104,116	83.9	4,105	76.3	5,194	70.8	7,286	95.8	132,444	81.2
Total	**18,603**	**100.0**	**124,109**	**100.0**	**5,382**	**100.0**	**7,332**	**100.0**	**7,603**	**100.0**	**163,029**	**100.0**

*Excludes motorcycle and non-injured bus passengers.

Note: Mandatory usage of seat belts came into effect on January 1, 1976.

In 1984, 79.3% of the passengers involved in motor vehicle accidents were reported to have been using their seat belts and 8.6% were not as compared to 76.1% of the passengers in 1983 who were using their seat belts and 11.4% were not.

This year, there was a 6.6% decrease in passenger fatalities and a 5.2% increase in passengers injured. Out of the 14,830 passengers involved who had seat belts installed but were not using them, 0.94% (140) were killed, 38.5% (5,705) were injured and 60.6% (8,985) were not injured. In comparison, 0.06% (83) of the 137,255 passengers who were using their seat belts were killed, 16.5% (22,711) were injured and 83.4% (114,461) were not injured.

CHILD RESTRAINT SYSTEMS

During 1983, there were 4,443 children involved in motor vehicle accidents who were reported to have had child restraint systems available. The installed in-use data shows that 1 child was killed, 331 were injured and 4,013 not injured. The remaining 2 children killed, 33 injured and 63 not injured were not using restraint systems or usage was unknown.

During 1984, there were 5,562 children involved in motor vehicle accidents that were reported to have had child restraint systems available. The installed in-use data shows that 3 children were killed, 439 were injured and 5,045 were not injured. The remaining 1 child killed, 15 injured and 59 not injured, were not using restraint systems or usage was unknown.

Passenger Severity of Injury by Seat Belt Usage 1983-1984

PASSENGER – SEVERITY OF INJURY BY SEAT BELT USAGE – 1984*								
Severity of Injury	Installed In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1984	%	1984	%	1984	%	1984	%
None	114,461	83.4	13,983	63.8	12,415	89.7	**140,859**	81.4
Minimal	13,850	10.1	3,528	16.1	560	4.0	**17,938**	10.4
Minor	7,684	5.6	3,176	14.5	562	4.1	**11,422**	6.6
Major	1,179	0.8	1,068	4.9	258	1.9	**2,505**	1.4
Fatal	83	0.06	154	0.70	45	0.3	**282**	0.2
Total	**137,257**	**100.0**	**21,909**	**100.0**	**13,840**	**100.0**	**173,006**	**100.0**

PASSENGER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1983*								
Severity of Injury	Installed In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1983	%	1983	%	1983	%	1983	%
None	104,392	83.9	13,494	60.0	14,558	90.1	**132,444**	81.2
Minimal	12,033	9.7	3,944	17.5	630	3.9	**16,607**	10.2
Minor	6,877	5.5	3,725	16.6	644	4.0	**11,246**	6.9
Major	1,008	0.8	1,147	5.1	275	1.7	**2,430**	1.5
Fatal	75	0.06	182	0.80	45	0.3	**302**	0.2
Total	**124,385**	**100.0**	**22,492**	**100.0**	**16,152**	**100.0**	**163,029**	**100.0**

*Excludes motorcycle and non-injured bus passengers.

Note: Refer to page 20 for definition of injuries.

INJURIES & FATALITIES TO CHILD PASSENGERS 0 - 4 YEARS OLD						
		0-24* months	2 years	3 years	4 years	Total
1984	Killed	4	3	3a	–	**10**
	Injured	320+	280	315a	364	**1,279**
1983	Killed	3	2	1	2	**8**
	Injured	187	300+	299	349+	**1,135**
1982	Killed	5	2	1	2	**10**
	Injured	234	325	342	423	**1,324**
1981	Killed	8	2	6	4	**20**
	Injured	387	349[a]	428[a]	433	**1,597**
1980	Killed	9	3	1	5	**18**
	Injured	401	424	410	462+	**1,697**
1979	Killed	7	4	3	3	**17**
	Injured	422	419	448	425	**1,714**
1978	Killed	7	7	—	3	**17**
	Injured	385	401	442	448	**1,676**
1977	Killed	5	3	3	2	**13**
	Injured	388	464	408	458	**1,718**
8 YEAR TOTAL	**Killed**	**48**	**26**	**18**	**21**	**113**
	Injured	**2,724**	**2,962**	**3,092**	**3,362**	**12,140**

* Note: 2 year period.

[a] Includes 1 child listed as a driver, as he/she set the vehicle in motion.

\+ Includes 2 children listed as drivers as they set the vehicle in motion.

Severity of Injury by Class of Persons Involved 1983-1984

Class of Victim	Severity of Injury — 1984					
	None	Minimal	Minor	Major	Fatal	Total
Driver	278,196	28,994	16,100	3,580	460	**327,330**
Passenger*	187,159	17,938	11,422	2,505	282	**219,306**
Pedestrian	343	2,002	2,722	1,043	189	**6,299**
Bicyclist	134	2,175	1,680	407	50	**4,446**
Moped Driver	7	20	27	12	1	**67**
Motorcycle Driver	1,077	1,952	2,375	996	123	**6,523**
Motorcycle Passenger	196	342	494	200	19	**1,251**
Other	10,445	29	119	96	8	**10,697**
Total	**477,557**	**53,452**	**34,939**	**8,839**	**1,132**	**575,919**

Class of Victim	Severity of Injury — 1983					
	None	Minimal	Minor	Major	Fatal	Total
Driver	257,126	26,489	15,405	3,546	528	**303,094**
Passenger*	176,044	16,607	11,246	2,430	302	**206,629**
Pedestrian	317	1,882	2,680	1,056	204	**6,139**
Bicyclist	136	1,977	1,690	335	49	**4,187**
Moped Driver	3	17	21	6	1	**48**
Motorcycle Driver	860	1,824	2,289	1,030	98	**6,101**
Motorcycle Passenger	210	313	444	197	19	**1,183**
Other	11,803	98	84	40	3	**12,028**
Total	**446,499**	**49,207**	**33,859**	**8,640**	**1,204**	**539,409**

*Includes Bus Passengers
Note: Refer to page 20 for definition of injuries.

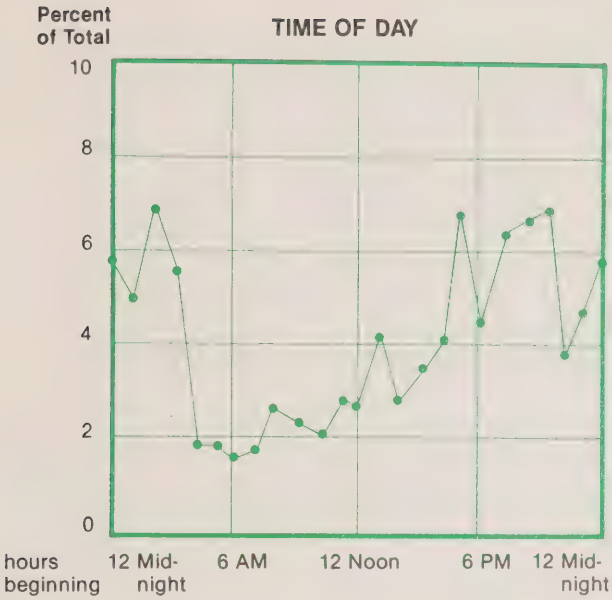
During 1984, 575,919 persons were involved in reportable motor vehicle accidents. 0.2% (1,132) were killed, 16.9% (97,230) were injured and 82.9% (477,557) were not injured. Out of the 97,230 persons injured, 55.0% (53,452) suffered minimal injuries, 35.9% (34,939) minor injuries and 9.1% (8,839) major injuries.

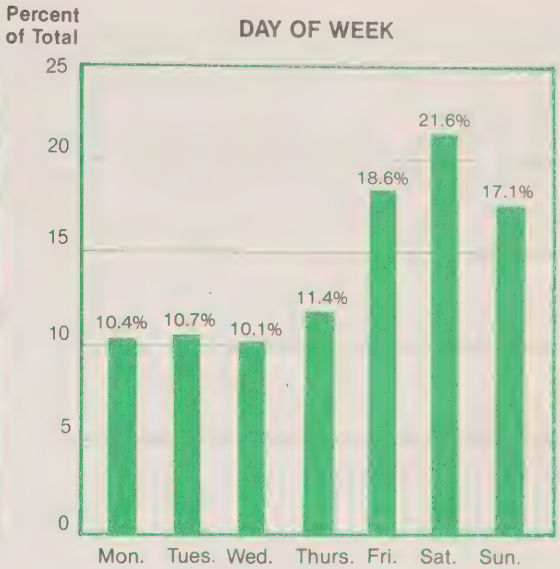
Licensed Drivers as Compared with Drivers Involved in Motor Vehicle Accidents — by Age
1983 - 1984

Drivers' Age	DRIVERS						% of Drivers of Each Age Involved in Accidents 1984		
	Licensed — 1984			Involved in Accidents — 1984					
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 16	–	–	–	292	73	**365**	–	–	–
16	18,352	10,822	**29,174**	3,188	1,169	**4,357**	17.4	10.8	**14.9**
17	41,513	28,831	**70,344**	5,785	2,020	**7,805**	13.9	7.0	**11.1**
18	52,757	38,365	**91,122**	7,595	2,490	**10,085**	14.4	6.5	**11.1**
19	63,008	46,716	**109,724**	9,094	2,829	**11,923**	14.4	6.1	**10.9**
20	72,004	54,381	**126,385**	9,597	2,803	**12,400**	13.3	5.2	**9.8**
21 - 24	311,727	251,364	**563,091**	35,912	11,406	**47,318**	11.5	4.5	**8.4**
25 - 34	742,586	653,974	**1,396,560**	61,858	23,585	**85,443**	8.3	3.6	**6.1**
35 - 44	626,653	528,768	**1,155,421**	41,395	17,378	**58,773**	6.6	3.3	**5.1**
45 - 54	465,622	340,585	**806,207**	27,377	9,533	**36,910**	5.9	2.8	**4.6**
55 - 64	397,697	273,574	**671,271**	19,635	6,302	**25,937**	4.9	2.3	**3.9**
65 - 74	229,453	145,278	**374,731**	8,766	3,205	**11,971**	3.8	2.2	**3.2**
75 & Over	81,630	38,251	**119,881**	3,280	940	**4,220**	4.0	2.5	**3.5**
Unknown	–	–	–	–	–	**16,444**	–	–	–
Total	**3,103,002**	**2,410,909**	**5,513,911**	**233,774**	**83,733**	**333,951**	**7.5**	**3.5**	**6.1**

Drivers' Age	DRIVERS						% of Drivers of Each Age Involved in Accidents 1983		
	Licensed — 1983			Involved in Accidents — 1983					
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 16	–	–	–	342	63	405	–	–	–
16	19,045	10,775	**29,820**	3,266	1,143	**4,41 i**	17.2	10.6	**14.8**
17	44,024	29,881	**73,905**	5,824	1,966	**7,790**	13.2	6.8	**10.5**
18	57,611	40,963	**98,574**	7,958	2,485	**10,443**	13.8	6.1	**10.6**
19	68,294	49,885	**118,179**	8,908	2,570	**11,478**	13.0	5.2	**9.7**
20	73,172	55,211	**128,383**	9,062	2,675	**11,737**	12.4	4.8	**9.1**
21 - 24	306,640	247,010	**553,650**	32,576	10,509	**43,085**	10.6	4.3	**7.8**
25 - 34	724,796	634,554	**1,359,350**	57,542	21,578	**79,120**	7.9	3.4	**5.8**
35 - 44	602,814	500,589	**1,103,403**	37,348	15,426	**52,774**	6.2	3.1	**4.8**
45 - 54	461,842	331,091	**792,933**	25,427	8,863	**34,290**	5.5	2.7	**4.3**
55 - 64	387,349	263,338	**650,687**	18,501	5,759	**24,260**	4.8	2.2	**3.7**
65 - 74	223,011	136,721	**359,732**	8,300	2,876	**11,176**	3.7	2.1	**3.1**
75 & Over	77,220	34,423	**111,643**	2,808	781	**3,589**	3.6	2.3	**3.2**
Unknown	–	–	–	–	–	**14,697**	–	–	–
Total	**3,045,818**	**2,334,441**	**5,380,259**	**217,864**	**76,694**	**309,255**	**7.2**	**3.3**	**5.7**

Persons Killed by Time of Day and Week 1984





PERSONS KILLED BY TIME OF DAY AND DAY OF WEEK — 1984

Time	Total	%	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Sun.
12-01 A.M.	58	5.1	1	5	1	6	9	18	18
01-02 "	85	7.5	2	5	6	9	11	28	24
02-03 "	65	5.7	—	1	3	3	7	30	21
03-04 "	22	1.9	2	2	—	1	3	7	7
04-05 "	22	1.9	—	—	—	—	1	14	7
05-06 "	18	1.6	—	1	1	1	3	5	7
06-07 "	20	1.8	6	5	—	2	1	5	1
07-08 "	30	2.7	3	5	2	8	5	2	5
08-09 "	26	2.3	6	6	5	3	3	1	2
09-10 "	24	2.1	5	5	1	5	3	1	4
10-11 "	33	2.9	4	3	5	5	8	4	4
11-12 "	30	2.7	7	3	4	4	6	4	2
12-01 P.M.	47	4.2	8	4	7	5	5	11	7
01-02 "	32	2.8	4	4	2	7	1	7	7
02-03 "	41	3.6	3	5	4	7	8	6	8
03-04 "	46	4.1	10	6	8	3	6	6	7
04-05 "	80	7.1	10	15	10	9	13	9	14
05-06 "	51	4.5	7	5	8	5	10	11	5
06-07 "	72	6.4	11	9	11	8	13	9	11
07-08 "	76	6.7	7	13	13	11	10	15	7
08-09 "	78	6.9	8	6	7	3	26	19	9
09-10 "	44	3.9	7	4	2	3	13	8	7
10-11 "	55	4.8	4	5	7	8	16	7	8
11-12 "	67	5.9	3	4	5	11	28	15	1
Unknown	10	0.9	—	—	2	2	2	3	1
Total	**1,132**	**100.0**	**118**	**121**	**114**	**129**	**211**	**245**	**194**

Motor Vehicle Deaths by Month of Occurrence 1975 - 1984

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
January	139	71	74	61	113	108	93	68	73	**65**
February	85	76	74	73	75	98	86	37	62	**41**
March	114	86	89	64	97	92	102	72	66	**59**
April	77	96	82	92	108	86	88	68	82	**78**
May	136	129	121	111	110	135	137	96	110	**90**
June	148	147	150	146	155	143	126	102	132	**115**
July	200	166	165	176	137	182	173	137	131	**128**
August	203	191	162	164	187	164	158	132	138	**137**
September	189	144	121	159	153	171	127	114	126	**123**
October	181	126	141	156	140	112	120	123	100	**113**
November	169	126	124	132	126	123	126	100	95	**89**
December	159	153	117	116	159	94	109	89	89	**94**
Total	**1,800**	**1,511**	**1,420**	**1,450**	**1,560**	**1,508**	**1,445**	**1,138**	**1,204**	**1,132**

Motor Vehicle Injuries by Month of Occurrence 1975 - 1984

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
January	6,489	6,152	8,629	7,774	7,790	6,098	7,856	7,742	6,325	**7,179**
February	6,923	5,228	5,886	5,730	6,967	6,756	6,963	6,406	5,098	**5,804**
March	6,546	5,204	5,856	6,047	6,469	6,804	6,591	6,422	6,153	**6,321**
April	5,922	5,608	6,653	5,956	6,903	6,918	6,663	6,338	6,086	**6,129**
May	8,480	6,702	7,885	7,745	8,011	8,323	8,986	7,480	7,957	**7,743**
June	9,628	7,824	8,416	8,589	9,138	9,309	9,059	8,600	8,877	**9,223**
July	9,006	8,439	9,478	9,376	9,455	9,674	10,113	9,214	9,055	**9,678**
August	9,898	8,187	9,020	9,114	9,501	9,932	10,237	8,875	8,930	**9,861**
September	8,562	7,683	8,997	9,168	9,067	9,385	8,664	8,112	8,061	**8,883**
October	8,231	7,750	8,342	8,407	9,500	9,555	8,931	7,914	8,467	**8,819**
November	8,651	6,651	8,616	8,410	9,210	9,205	7,961	8,063	8,305	**9,269**
December	8,698	8,308	7,886	8,663	9,310	9,408	8,297	7,649	8,392	**8,321**
Total	**97,034**	**83,736**	**95,664**	**94,979**	**101,321**	**101,367**	**100,321**	**92,815**	**91,706**	**97,230**

Fatal Motor Vehicle Accidents and Fatalities/ Injuries on Long Weekends

LONG WEEKEND FATAL MOTOR VEHICLE ACCIDENTS — 1984
(From Friday 6 p.m. to Monday Midnight)

Weekend	No. of Fatal Accidents	Drivers		Passengers		Other Victims*		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Victoria Day	19	7	12	6	17	7	2	20	31
Canada Day	22	13	9	5	18	7	1	25	28
Civic Day	12	5	6	5	10	3	—	13	16
Labour Day	18	9	9	5	6	6	—	20	15
Thanksgiving Day	18	7	14	9	29	7	—	23	43

LONG WEEKEND FATAL MOTOR VEHICLE ACCIDENTS — 1983
(From Friday 6 p.m. to Monday Midnight)

Weekend	No. of Fatal Accidents	Drivers		Passengers		Other Victims*		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Victoria Day	14	7	2	7	7	5	2	19	11
Canada Day**	20	7	6	7	10	9	5	23	21
Civic Day	14	6	5	6	9	8	1	20	15
Labour Day	12	7	3	3	5	3	1	13	9
Thanksgiving Day	8	8	4	–	6	1	1	9	11

*Includes Motorcycle, Moped Drivers and Passengers; Pedestrians; Bicyclists
**Canada Day was on Friday (from Thursday 6 p.m. to Sunday Midnight).

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES — SCHOOL YEARS 1974-75 — 1983-84

School Year	Pupils Transported Daily	Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES								Injury Rate per 100,000 Pupils	
			Crossing Road (2)		Within School Vehicle		Other		Total			
			F.	P.I.	F.	P.I.	F.	P.I.	F.	P.I.	Fatal	Non Fatal
1974-75	578,817	622	4	19	2	205	—	28	6	252	1.1	45
1975-76	594,410	727	2	14	2	155	1	24	5	193	0.8	32
1976-77	600,082	793	—	10	—	247††	1	10	1	267	0.2	44
1977-78	601,583	866	1	19	—	259‡‡‡	2	18	3	296	0.5	49
1978-79	599,776	838	—	12	1	285‡	1	28	2	325	0.3	54
1979-80	601,813	765	—	12	1	250	3	48	4	310	0.7	52
1980-81	598,096	847	1	20	—	191	—	18	1	229	0.2	38
1981-82	597,331	861	1	15	—	238‡‡	—	14	1	267	0.2	45
1982-83	604,370	808	2	11	2	143	—	12	4	166	0.7	27
1983-84	**602,898**	**900**	**1**	**12**	**—**	**211**	**1**	**10**	**2**	**233**	**0.3**	**39**

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES — SCHOOL YEARS 1982-83 — 1983-84

Type of School Vehicle	Nature of Accident				Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES						Total	
						Crossing Road (2)		Within School Vehicle		Other			
	Fatal	Pupil Injury	Non Pupil Injury	Property Damage		Fatal-ities	Personal Injuries	Fatal-ities	Personal Injuries	Fatal-ities	Personal Injuries	Fatal-ities	Personal Injuries
1983-84 School Bus	4	54	129	519	**706**	1	10	—	174	—	7	1	**191**
Van	1	23	34	132	**190**	—	2	—	35	1	3	1	**40**
Station Wagon	—	1	—	3	**4**	—	—	—	2	—	—	—	**2**
Other Buses	—	—	—	—	**—**	—	—	—	—	—	—	—	**—**
Total	**5**	**78**	**163**	**654**	**900**	**1**	**12**	**—**	**211**	**1**	**10**	**2**	**233**
1982-83 School Bus	3	62	155	517	**737**	2	10	1	124	—	10	3	**144**
Van	2	9	14	34	**59**	—	1	1	18	—	1	1	**20**
Station Wagon	—	2	1	2	**5**	—	—	—	1	—	1	—	**2**
Other Buses	—	—	1	6	**7**	—	—	—	—	—	—	—	**—**
Total	**5**	**73**	**171**	**559**	**808**	**2**	**11**	**2**	**143**	**—**	**12**	**4**	**166**

(1) Accidents involving a school vehicle directly or indirectly while transporting pupils to or from school.
(2) Pupil struck by approaching vehicle (excluding school vehicle) while waiting to board school vehicle, crossing road to board or after leaving school vehicle.
†† Includes 7 separate accidents resulting in a total of 124 pupil injuries (48, 19, 13, 13, 11, 10, 10).
‡ Includes 6 separate accidents resulting in a total of 110 pupil injuries (30, 22, 19, 16, 13, 10).
‡‡ Includes 5 separate accidents resulting in a total of 105 pupil injuries (42, 20, 19, 13, 11).
‡‡‡ Includes 7 separate accidents resulting in a total of 156 pupil injuries (36, 35, 25, 18, 16, 14, 12).

Motor Vehicle Accidents by Type (Based on Initial Impact) 1975 - 1984

FATAL ACCIDENTS INVOLVING										
		Motor Vehicle And								
Year	Single Motor Vehicle	Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-way Train	Street Car	Tractor	Animal	Other†	Total
1975	480	651	273	64*	22	2	6	7	15	**1,520**
1976	376	567	228	46	28	2	2	1	15	**1,265**
1977	379	512	235	47	22	—	6	2	10	**1,213**
1978	378	526	263	49	28	—	6	2	11	**1,263**
1979	415	563	252	45	21	1	8	1	10	**1,316**
1980	463	521	247	30	17	—	5	4	9	**1,296**
1981	414	524	220	43	21	1	3	3	5	**1,234**
1982	359	402	162	42	17	1	3	—	11	**997**
1983	352	438	181	48	16	—	3	1	3	**1,042**
1984	**361**	**399**	**170**	**50**	**14**	**—**	**4**	**3**	**10**	**1,011**

PERSONAL INJURY ACCIDENTS INVOLVING										
		Motor Vehicle And								
Year	Single Motor Vehicle	Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-way Train	Street Car	Tractor	Animal	Other†	Total
1975	17,274	36,914	6,570	4,218*	125	131	101	265	213	**65,811**
1976	14,700	32,682	6,502	3,432	116	84	76	192	244	**58,028**
1977	16,155	37,530	6,243	3,182	98	108	82	211	178	**63,787**
1978	16,093	37,406	5,614	2,881	94	82	85	229	180	**62,664**
1979	18,063	39,613	5,726	3,128	106	111	96	186	172	**67,201**
1980	18,382	39,296	5,822	3,284	93	89	82	230	113	**67,391**
1981	17,920	39,693	5,681	3,351	95	95	68	275	114	**67,292**
1982	16,447	36,767	5,430	3,730	78	95	70	267	72	**62,956**
1983	16,805	36,408	5,076	3,852	88	75	72	279	80	**62,735**
1984	**16,618**	**39,493**	**5,242**	**4,143**	**61**	**77**	**69**	**301**	**97**	**66,101**

ALL MOTOR VEHICLE ACCIDENTS INVOLVING										
		Motor Vehicle And								
Year	Single Motor Vehicle	Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-way Train	Street Car	Tractor	Animal	Other†	Total
1975	48,283	150,252	6,860	4,328*	328	536	306	2,159	637	**213,689**
1976	44,422	153,559	6,739	3,497	321	455	316	1,792	764	**211,865**
1977	44,457	160,866	6,482	3,271	275	462	294	1,879	581	**218,567**
1978	40,332	134,590	5,881	2,969	237	311	234	1,361	448	**186,363**
1979	45,763	139,539	5,978	3,198	257	335	240	1,460	426	**197,196**
1980	47.417	136,754	6,072	3,355	228	352	243	1,761	319	**196,501**
1981	46,347	139,439	5,904	3,451	238	386	184	2,109	314	**198,372**
1982	42,784	132,431	5,596	3,832	197	412	246	2,129	316	**187,943**
1983	43,756	125,474	5,263	3,968	204	382	199	2,486	267	**181,999**
1984	**43,929**	**136,974**	**5,422**	**4,255**	**173**	**376**	**226**	**3,097**	**330**	**194,782**

* Includes Moped Driver.
† Includes Horse Drawn Vehicles.

Type and Condition of Vehicles Involved in All Accidents 1984

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS — 1984				
Type of Vehicle	**In All Accidents**	**In Fatal**	**In Personal Injury**	**In Property Damage**
Passenger Car	271,721	1,071	89,899	180,751
Passenger Car & Trailer	647	4	182	461
Truck	49,528	276	14,527	34,725
Truck & Trailer	911	1	233	677
Tractor & Semi-trailer	6,231	96	1,753	4,382
Motorcycle	6,553	144	5,578	831
Bus	2,514	5	898	1,611
School Bus/Vehicles	1,100	2	304	794
Other Motor Vehicles/Unknown	13,342	14	2,489	10,839
Non Motor Vehicle	5,816	76	4,720	1,020
Total	**358,363**	**1,689**	**120,583**	**236,091**

TYPE AND CONDITION OF VEHICLES INVOLVED — ALL ACCIDENTS — 1984											
Condition	Passenger Car	Passenger Car & Trailer	Truck	Truck & Trailer	Tractor Semi-Trailer	Motorcycle	Bus	School Bus/ Vehicles	Other Motor Vehicle/Unknown	Non Motor Vehicle	Total
No Apparent Defect	261,173	562	46,407	760	5,474	6,148	2,456	1,065	906	5,045	329,996
Service Brakes Defective	762	2	316	6	101	30	9	2	—	133	1,361
Steering Defective	189	—	69	3	14	16	—	1	—	5	297
Tire Puncture or Blow Out	636	14	174	15	56	35	1	1	6	2	940
Tire Tread Insufficient	508	1	155	2	9	61	—	—	1	4	741
Headlamps Defective	82	1	34	—	6	13	—	—	4	64	204
Other Lamps or Reflectors Defective	217	10	149	9	20	7	1	1	12	41	467
Engine Controls Defective	468	1	98	1	16	15	1	3	—	2	605
Wheels or Suspension Defective	168	5	105	16	55	17	—	1	3	2	372
Vision Obscured	152	2	39	—	4	3	—	2	1	4	207
Trailer Hitch Defective	—	17	—	29	45	—	—	—	—	—	91
Other Defects	1,182	25	547	48	151	54	8	7	44	128	2,194
Not Known	6,184	7	1,435	22	280	154	38	17	12,365	386	20,888
Total	**271,721**	**647**	**49,528**	**911**	**6,231**	**6,553**	**2,514**	**1,100**	**13,342**	**5,816**	**358,363**

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS 1983-1984

CLASS OF DRIVER LICENCE REQUIRED		TYPE OF VEHICLE	1983 FATAL	1983 PERSONAL INJURY	1983 PROPERTY DAMAGE	1983 TOTAL	1984 FATAL	1984 PERSONAL INJURY	1984 PROPERTY DAMAGE	1984 TOTAL
PASSENGER VEHICLES	G	Passenger car/station wagon	1,035	82,821	165,303	**249,159**	1,054	88,318	177,623	**266,995**
	G	Taxi/limousine	—	157	264	**421**	2	231	384	**617**
	G	Hearse	—	—	2	**2**	—	1	6	**7**
	G	Dune buggy	—	6	1	**7**	—	5	1	**6**
	F	Ambulance	1	28	54	**83**	—	43	73	**116**
	G	Fire department vehicle	—	21	38	**59**	—	11	35	**46**
	G	Police force vehicle	3	130	150	**283**	4	131	145	**280**
	G	Public utility emergency vehicle	—	—	1	**1**	—	2	2	**4**
	G	Passenger van	12	572	1,423	**2,007**	8	973	2,169	**3,150**
	G	Other passenger vehicle	3	170	314	**487**	3	184	313	**500**
PASSENGER VEHICLES AND TRAILERS	G	P.V. and house trailer	—	17	24	**41**	—	12	41	**53**
	G	P.V. and boat trailer	2	22	59	**83**	1	29	64	**94**
	G	P.V. and tent trailer	—	6	23	**29**	1	14	28	**43**
	G	P.V. and utility trailer	1	20	47	**68**	—	27	66	**93**
	G	P.V. and other trailer	4	86	227	**317**	—	89	229	**318**
	G	Other p.v. and trailer	—	46	84	**130**	2	11	33	**46**
TRUCKS	D	Truck with concrete mixer	1	20	48	**69**	—	10	36	**46**
	D	Truck with stake or platform body	11	174	430	**615**	3	188	462	**653**
	D	Truck with tank body	2	44	117	**163**	1	44	114	**159**
	D	Truck with dump body	22	368	993	**1,383**	13	409	1,126	**1,548**
	G	Tow truck	2	80	189	**271**	3	86	227	**316**
	D	Tractor not pulling a trailer	—	36	57	**93**	3	45	113	**161**
	G	Pick-up truck	170	7,813	18,149	**26,132**	173	8,552	19,675	**28,400**
	G	Delivery van	53	3,927	9,339	**13,319**	63	4,228	9,951	**14,242**
	G	Pick-up camper	—	6	27	**33**	—	1	6	**7**
	D	Fire truck	—	—	9	**9**	—	8	33	**41**
	D	Other truck	9	358	1,094	**1,461**	13	479	1,589	**2,081**
	G	Other truck	8	330	849	**1,187**	2	471	1,349	**1,822**
	D	Tow truck	—	18	36	**54**	2	6	44	**52**
TRUCK AND TRAILER	G	Pick-up and recreation trailer	—	5	21	**26**	—	8	22	**30**
	G	Pick-up and recreation semi-trailer	—	4	13	**17**	—	4	4	**8**
	G	Pick-up and other semi-trailer	3	103	273	**379**	1	124	349	**474**
	D	Truck/trailer-dump	1	5	19	**25**	—	5	11	**16**
	D	Truck/trailer-frame	—	4	1	**5**	—	—	1	**1**
	D	Truck/trailer-tank	1	—	5	**6**	—	1	2	**3**
	D	Truck/trailer-stake or platform body	—	11	26	**37**	—	8	25	**33**
	D	Truck/trailer-van	—	1	5	**6**	—	—	—	**—**
	D	Truck and pole trailer	—	1	1	**2**	—	1	—	**1**
	G	Tow truck hauling a disabled vehicle	—	22	61	**83**	—	33	106	**139**
	D	Other truck/trailer	—	10	19	**29**	—	6	19	**25**

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS 1983-1984

CLASS OF DRIVER LICENCE REQUIRED		TYPE OF VEHICLE	1983 FATAL	1983 PERSONAL INJURY	1983 PROPERTY DAMAGE	1983 TOTAL	1984 FATAL	1984 PERSONAL INJURY	1984 PROPERTY DAMAGE	1984 TOTAL
TRACTOR AND SEMI-TRAILERS	G	Other truck/trailer	1	6	25	**32**	—	3	21	**24**
	A	Other truck/trailer	—	21	51	**72**	—	37	108	**145**
	D	Tow truck hauling a disabled vehicle	—	3	5	**8**	—	3	9	**12**
	A	Tractor/semi-trailer-dump	—	51	101	**152**	4	51	92	**147**
	A	Tractor/semi-trailer-frame	3	15	31	**49**	1	8	26	**35**
	A	Tractor/semi-trailer-tank	2	38	87	**127**	1	44	96	**141**
	A	Tractor/semi-trailer-stake or platform	2	49	106	**157**	4	46	74	**124**
	A	Tractor/semi-trailer-van	3	86	170	**259**	6	81	155	**242**
	A	Tractor/semi-trailer-concrete mixer	—	—	5	**5**	1	1	4	**6**
	A	Tractor/semi-trailer float	—	60	132	**192**	7	65	162	**234**
	A	Tractor/semi-trailer-car transport	—	4	9	**13**	1	3	4	**8**
	A	Tractor/semi-trailer-other	113	1,222	2,953	**4,288**	62	1,368	3,614	**5,044**
	A	Tractor/semi-trailer and pup-dump	—	9	15	**24**	1	4	22	**27**
	A	Tractor/semi-trailer and pup-frame	—	2	3	**5**	—	1	1	**2**
	A	Tractor/semi-trailer and pup-tank	1	2	8	**11**	1	9	11	**21**
	A	Tractor/semi-trailer and pup-stake or platform	—	6	10	**16**	—	5	7	**12**
	A	Tractor/semi-trailer and pup-van	1	5	7	**13**	1	5	4	**10**
	A	Tractor/semi-trailer and pup-other	—	32	49	**81**	4	46	75	**125**
	A	Tractor/semi-trailer and semi-trailer-tank	—	2	4	**6**	—	1	4	**5**
	A	Tractor semi-trailer/semi-trailer stake or platform	—	2	1	**3**	1	2	3	**6**
	A	Tractor/semi-trailer and semi-trailer-van	1	—	1	**2**	—	1	—	**1**
	A	Tractor/semi-trailer and semi-trailer-other	7	16	24	**47**	1	12	28	**41**
BUS	C	Transit - intercity	1	143	334	**478**	1	77	162	**240**
	C	Transit - urban	4	667	1,161	**1,832**	4	788	1,374	**2,166**
	F	Coach - intercity	—	15	34	**49**	—	17	34	**51**
	F	Coach - urban	—	13	24	**37**	—	16	41	**57**
SCHOOL VEHICLES	E	School bus or school van-seating capacity 10-23	1	52	100	**153**	—	61	102	**163**
	B	School bus — seating capacity 24 or over	2	182	423	**607**	2	198	591	**791**
	G	School van — seating capacity under 10	—	4	10	**14**	—	12	22	**34**
	G	Station wagon	—	—	2	**2**	—	—	—	**—**
	C	Other bus	1	26	80	**107**	—	33	79	**112**
OTHER MOTOR VEHICLES	G	Motor home	—	30	84	**114**	3	42	92	**137**
	M	Motorcycle	124	5,379	675	**6,178**	144	5,578	831	**6,553**
	G	Moped	1	61	1	**63**	1	72	3	**76**
	G	Snowmobile	1	63	38	**102**	5	68	42	**115**
NON-MOTOR VEHICLES		Farm tractor	4	93	152	**249**	4	88	185	**277**
		Tractor or construction equipment	2	52	201	**255**	1	59	245	**305**
		Train	16	89	104	**209**	15	64	101	**180**
		Street car	—	98	338	**436**	—	94	328	**422**
		Bicycle	51	4,059	80	**4,190**	50	4,318	80	**4,448**
		Snow Plow	—	3	21	**24**	—	7	17	**24**
		Go-cart	—	2	—	**2**	1	2	—	**3**
		Horse and buggy	—	5	4	**9**	—	9	5	**14**
		Other	1	7	26	**34**	—	11	17	**28**
		Unknown	8	2,206	9,940	**12,154**	10	2,375	10,744	**13,129**
		Total	**1,695**	**112,322**	**217,424**	**331,441**	**1,689**	**120,583**	**236,091**	**358,363**

Motor Vehicle Accidents by Place of Occurrence
1975 – 1984

FATAL ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1975	487	143	537	353	1,520
1976	366	89	467	343	1,265
1977	389	70	415	339	1,213
1978	433	95	418	317	1,263
1979	457	99	434	326	1,316
1980	460	92	444	300	1,296
1981	422	91	432	289	1,234
1982	326	72	310	289	997
1983	295	100	314	333	1,042
1984	**310**	**77**	**326**	**298**	1,011

PERSONAL INJURY ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1975	32,923	3,955	10,085	18,848	65,811
1976	29,243	3,037	8,412	17,336	58,028
1977	34,540	3,652	9,364	16,231	63,787
1978	41,207	4,071	8,779	8,607	62,664
1979	44,078	4,353	9,246	9,524	67,201
1980	44,397	4,159	8,853	9,982	67,391
1981	43,731	4,604	8,648	10,309	67,292
1982	40,820	4,567	7,731	9,838	62,956
1983	39,597	4,373	7,695	11,070	62,735
1984	**44,669**	**5,215**	**8,060**	**8,157**	66,101

ALL MOTOR VEHICLE ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1975	112,358	12,693	28,465	60,173	213,689
1976	113,199	11,165	26,028	61,473	211,865
1977	127,764	12,470	26,570	51,763	218,567
1978	128,595	11,963	22,339	23,466	186,363**
1979	135,980	13,114	23,082	25,020	197,196
1980	135,533	12,452	22,216	26,300	196,501
1981	135,325	13,764	21,801	27,482	198,372
1982	126,888	13,462	19,784	27,809	187,943
1983	119,248	13,113	19,572	30,006	181,999
1984	**136,432**	**15,265**	**20,842**	**22,243**	194,782

* Includes Secondary Highways.

** Minimum reportable property damage amount changed from over $200 to over $400 on January 1, 1978.

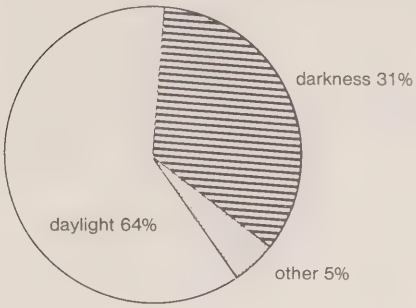
Type of Accidents — 1983 - 1984

ACCIDENT INVOLVING MOTOR VEHICLE AND	CLASS OF ACCIDENTS — 1984			
	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY	TOTAL
Other Motor Vehicle/s	399	39,493	97,082	**136,974**
Pedestrian	170	5,242	10	**5,422**
Cyclist	50	4,143	62	**4,255**
Railway Train	14	61	98	**173**
Street Car	—	77	299	**376**
Farm Tractor	4	69	153	**226**
Animal	3	301	2,793	**3,097**
Other Moveable Object	10	97	223	**330**
Restraining Barrier	24	1,401	4,264	**5,689**
Rigid Pole	31	1,771	3,171	**4,973**
Breakaway Pole	6	412	1,058	**1,476**
Tree	33	1,154	1,585	**2,772**
Post	33	646	1,928	**2,607**
Fence	1	385	1,040	**1,426**
Culvert	14	416	315	**745**
Bridge Support	16	155	266	**437**
Rock Face	21	346	467	**834**
Snow Bank or Drift	5	361	870	**1,236**
Ditch	81	4,363	4,406	**8,850**
Curb	27	1,018	1,673	**2,718**
Crash Cushion	—	28	69	**97**
Building or Wall	3	167	421	**591**
Other Fixed Object	21	1,165	2,326	**3,512**
Fire/Explosion	—	32	670	**702**
Submersion	—	8	14	**22**
Rollover	36	1,517	955	**2,508**
Other Non-Collision Event	9	1,273	1,452	**2,734**
Total	**1,011**	**66,101**	**127,670**	**194,782**

ACCIDENT INVOLVING MOTOR VEHICLE AND	CLASS OF ACCIDENTS — 1983			
	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY	TOTAL
Other Motor Vehicle/s	438	36,408	88,628	**125,474**
Pedestrian	181	5,076	6	**5,263**
Cyclist	48	3,852	68	**3,968**
Railway Train	16	88	100	**204**
Street Car	—	75	307	**382**
Farm Tractor	3	72	124	**199**
Animal	1	279	2,206	**2,486**
Other Moveable Object	3	80	184	**267**
Restraining Barrier	24	1,411	4,369	**5,804**
Rigid Pole	28	1,971	3,427	**5,426**
Breakaway Pole	6	461	1,050	**1,517**
Tree	39	1,349	1,706	**3,094**
Post	19	644	1,892	**2,555**
Fence	6	449	1,165	**1,620**
Culvert	18	459	347	**824**
Bridge Support	10	171	269	**450**
Rock Face	19	422	529	**970**
Snow Bank or Drift	1	134	354	**489**
Ditch	94	4,160	4,319	**8,573**
Curb	22	1,057	1,594	**2,673**
Crash Cushion	1	22	57	**80**
Building or Wall	2	191	442	**635**
Other Fixed Object	22	1,084	2,103	**3,209**
Fire/Explosion	—	23	610	**633**
Submersion	—	4	10	**14**
Rollover	32	1,565	949	**2,546**
Other Non-Collision Event	9	1,228	1,407	**2,644**
Total	**1,042**	**62,735**	**118,222**	**181,999**

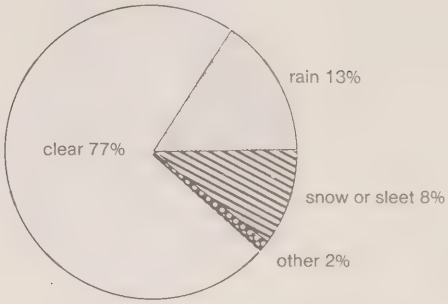
All Accidents — 1984 — Light Condition, Visibility and Road Location

Light Condition



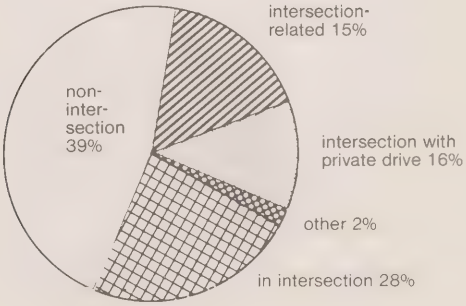
Light Condition	Total	Fatal	Personal Injury	Property Damage
Daylight	**124,462**	449	41,974	82,039
Dawn	**2,463**	12	829	1,622
Dusk	**6,892**	34	2,334	4,524
Darkness	**60,965**	516	20,964	39,485
Total	**194,782**	**1,011**	**66,101**	**127,670**

Visibility



Visibility	Total	Fatal	Personal Injury	Property Damage
Clear	**149,301**	814	51,729	96,758
Rain	**25,054**	92	8,543	16,419
Snow or Sleet	**15,526**	54	4,025	11,447
Fog, Mist, Smoke or Dust	**4,901**	51	1,804	3,046
Total	**194,782**	**1,011**	**66,101**	**127,670**

Road Location



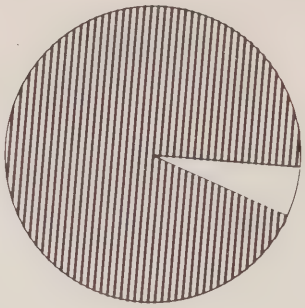
Road Location	Total	Fatal	Personal Injury	Property Damage
Non-Intersection	**76,408**	596	25,590	50,222
Intersection Related	**28,907**	60	10,061	18,786
In Intersection	**54,659**	195	20,512	33,952
At/Near Private Drive	**31,633**	112	8,801	22,720
At Railway Crossing	**617**	16	214	387
Underpass or Tunnel	**441**	10	149	282
Overpass or Bridge	**1,958**	22	715	1,221
Other	**159**	—	59	100
Total	**194,782**	**1,011**	**66,101**	**127,670**

All Accidents — 1984 — Road Condition, Road Type and Road Surface Condition

Road Condition

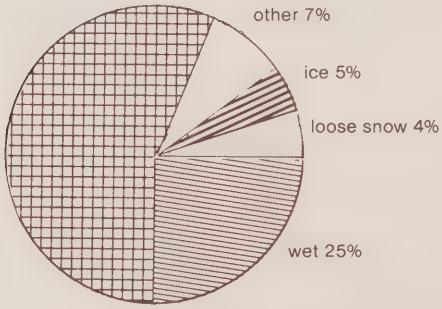
Road Condition	Total	Fatal	Personal Injury	Property Damage
Good	**190,240**	988	64,626	124,626
Under Repair	**961**	9	322	630
Under Const.	**1,941**	6	623	1,312
Other	**1,640**	8	530	1,102
Total	**194,782**	**1,011**	**66,101**	**127,670**

Road Type



Road Type	Total	Fatal	Personal Injury	Property Damage
Asphalt	**183,698**	927	62,211	120,560
Gravel or Crushed Stone	**7,377**	67	2,599	4,711
Concrete	**2,882**	7	1,011	1,864
Earth	**515**	4	174	337
Other	**310**	6	106	198
Total	**194,782**	**1,011**	**66,101**	**127,670**

Road Surface Condition



Road Surface Condition	Total	Fatal	Personal Injury	Property Damage
Dry	**115,052**	712	42,043	72,297
Wet	**48,264**	187	16,266	31,811
Loose Snow	**8,860**	25	2,043	6,792
Slush	**5,087**	22	1,262	3,803
Packed Snow	**6,542**	18	1,413	5,111
Ice	**9,611**	39	2,547	7,025
Mud	**107**	—	27	80
Loose Sand or Gravel	**1,259**	8	500	751
Total	**194,782**	**1,011**	**66,101**	**127,670**

Statistics Relating to Motor Vehicle Accidents By Counties, Districts, Regional Municipalities, Ontario Cities, Towns and Villages — 1984

Motor Vehicle Accidents by Counties, Districts and Regional Municipalities — 1984

County, District or Regional Municipality	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Algoma	**3,034**	25	946	2,063	25	1,392
Brant	**2,275**	13	728	1,534	18	1,048
Bruce	**1,059**	8	401	650	10	690
Cochrane	**1,974**	7	633	1,334	8	893
Dufferin	**374**	4	115	255	7	200
Dundas	**760**	8	264	488	9	423
Durham	**6,008**	34	2,231	3,743	36	3,503
Elgin	**1,213**	19	378	816	22	594
Essex	**7,219**	31	2,684	4,504	35	3,906
Frontenac	**2,520**	9	850	1,661	10	1,270
Glengarry	**524**	5	179	340	5	303
Grenville	**512**	4	176	332	6	283
Grey	**1,415**	17	487	911	19	767
Haldimand-Norfolk	**1,784**	23	670	1,091	29	1,096
Haliburton	**389**	4	143	242	4	217
Halton	**5,859**	30	1,842	3,387	40	2,725
Hamilton-Wentworth	**8,421**	36	3,158	5,227	38	4,618
Hastings	**2,283**	22	761	1,500	28	1,211
Huron	**987**	15	311	661	19	514
Kenora	**1,335**	11	399	925	13	606
Kent	**2,143**	16	822	1,305	20	1,200
Lambton	**2,629**	12	886	1,731	12	1,255
Lanark	**1,015**	12	326	677	12	466
Leeds	**1,214**	9	435	770	9	658
Lennox & Addington	**673**	9	223	441	10	334
Manitoulin	**246**	4	73	169	4	114
Middlesex	**7,006**	38	2,612	4,356	43	3,790
Muskoka	**1,170**	24	387	759	25	624
Niagara	**8,134**	50	2,696	5,388	54	3,945
Nipissing	**1,620**	13	570	1,037	13	822
Northumberland	**1,449**	14	534	901	15	797
Ottawa-Carleton	**15,335**	61	4,143	11,131	68	5,650
Oxford	**1,812**	9	607	1,196	9	890
Parry Sound	**951**	8	315	628	11	498
Peel	**11,073**	44	3,862	7,167	47	5,767
Perth	**1,282**	8	392	882	8	558
Peterborough	**2,284**	15	866	1,403	15	1,309
Prescott	**592**	1	201	390	1	318
Prince Edward	**387**	3	121	263	3	180
Rainy River	**586**	6	155	425	6	217
Renfrew	**1,622**	20	526	1,076	25	792
Russell	**403**	5	146	252	6	215
Simcoe	**5,346**	38	1,813	3,495	40	2,851
Stormont	**1,456**	4	467	985	4	705
Sudbury	**3,673**	37	1,364	2,272	40	2,081
Thunder Bay	**4,913**	27	1,435	3,451	30	2,117
Timiskaming	**857**	5	259	593	6	398
Victoria	**1,059**	11	366	682	12	590
Waterloo	**6,789**	25	2,227	4,537	26	3,137
Wellington	**2,812**	21	958	1,833	28	1,523
*York	**54,906**	137	18,958	35,811	149	27,170
Total	**194,782**	**1,011**	**66,101**	**127,670**	**1,132**	**97,230**

*Includes Metropolitan Toronto

Motor Vehicle Accidents in Ontario Cities, Towns and Villages — 1984

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Ailsa Craig	6	-	4	2	-	5
Ajax	359	1	133	225	2	192
Alexandria	97	-	19	78	-	22
Alliston	90	-	21	69	-	31
Almonte	29	1	9	19	1	16
Alvinston	6	-	1	5	-	2
Amherstburg	102	-	30	72	-	40
Ancaster	182	1	53	128	1	73
Angus	14	-	6	8	-	7
Apple Hill	1	-	1	-	-	1
Arnprior	62	-	18	44	-	20
Arthur	11	-	2	9	-	3
Athens	11	-	1	10	-	1
Atikokan	7	-	-	7	-	-
Aurora	320	1	101	218	2	149
Aylmer	75	-	15	60	-	21
Ayton	6	-	2	4	-	2
Balmertown	6	-	4	2	-	6
Bancroft	48	-	12	36	-	18
Barrie	944	3	269	672	3	357
Barry's Bay	27	-	6	21	-	6
Bath	3	-	1	2	-	2
Bayfield	6	-	1	5	-	1
Beachburg	1	-	1	-	-	1
Beeton	15	-	3	12	-	4
Belle River	34	-	12	22	-	14
Belleville	722	3	167	552	5	217
Belmont	2	1	1	-	1	1
Blenheim	48	-	13	35	-	19
Blind River	42	-	15	27	-	19
Bloomfield	7	-	-	7	-	-
Blyth	4	-	-	4	-	-
Bobcaygeon	16	-	3	13	-	3
Bothwell	10	-	4	6	-	7
Bracebridge	100	-	31	69	-	46
Bradford	120	-	29	91	-	38
Braeside	2	-	-	2	-	-
Brampton	2,475	9	841	1,625	9	1,247
Brantford	1,440	2	423	1,015	2	574
Brighton	29	-	13	16	-	17
Brockville	409	1	114	294	1	149
Bruce Mines	2	-	1	1	-	1
Brussels	8	-	1	7	-	1
Burford	2	-	1	1	-	1
Burk's Falls	2	-	-	2	-	-
Burlington	1,517	5	578	934	5	801
Cache Bay	4	-	2	2	-	2
Caledon	572	6	228	338	6	350

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Cambridge	1,423	3	468	952	3	635
Campbellford	46	-	12	34	-	13
Capreol	23	-	8	15	-	8
Carleton Place	110	-	31	79	-	39
Casselman	19	1	4	14	1	4
Chalk River	2	-	1	1	-	1
Chatham	873	4	321	548	4	426
Chatsworth	3	-	1	2	-	1
Chesley	7	-	2	5	-	2
Chesterville	25	-	3	22	-	7
Clifford	8	-	1	7	-	1
Clinton	45	-	12	33	-	14
Cobalt	20	-	5	15	-	7
Cobden	1	-	-	1	-	-
Cobourg	263	1	95	167	1	127
Cochrane	65	-	14	51	-	14
Colborne	12	-	5	7	-	6
Coldwater	4	-	1	3	-	1
Collingwood	220	1	59	160	1	81
Cookstown	10	-	2	8	-	2
Cornwall	1,110	1	331	778	1	479
Cottam	1	-	-	1	-	-
Creemore	15	-	6	9	-	8
Deep River	12	-	5	7	-	6
Delaware	1	-	-	1	-	-
Deseronto	9	-	3	6	-	3
Dorchester	5	-	-	5	-	-
Drayton	11	-	1	10	-	2
Dresden	32	-	10	22	-	13
Dryden	126	2	29	95	2	44
Dundalk	16	1	5	10	1	6
Dundas	260	-	98	162	-	138
Dunnville	144	4	43	97	6	69
Durham	24	-	1	23	-	1
Dutton	2	-	-	2	-	-
East Gwillimbury	84	2	35	47	2	59
Eden Mills	1	-	-	1	-	-
Eganville	32	-	4	28	-	5
Elliot Lake	219	3	57	159	3	79
Elmvale	20	-	4	16	-	4
Elora	40	-	13	27	-	15
Embrun	6	-	1	5	-	1
Englehart	8	-	2	6	-	5
Erieau	4	-	2	2	-	5
Erin	18	1	4	13	1	5
Espanola	50	-	16	34	-	22
Essex	57	-	11	46	-	15
Exeter	63	-	16	47	-	25

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Fenelon Falls	43	-	11	32	-	13
Fergus	84	-	19	65	-	30
Finch	1	-	-	1	-	-
Flesherton	10	-	2	8	-	2
Foleyet	4	-	1	3	-	1
Forest	16	-	3	13	-	5
Fort Erie	446	3	152	291	3	225
Fort Frances	197	1	57	139	1	79
Frankford	13	-	5	8	-	6
Gananoque	81	-	33	48	-	40
Geraldton	27	-	9	18	-	13
Glencoe	18	-	4	14	-	6
Gloucester	895	6	273	616	6	386
Goderich	133	1	35	97	1	42
Gore Bay	5	-	2	3	-	2
Gorrie	1	-	-	1	-	-
Grand Bend	26	-	10	16	-	10
Grand Valley	7	1	3	3	1	4
Gravenhurst	99	-	29	70	-	33
Grimsby	240	-	93	147	-	132
Guelph	1,102	4	401	697	4	576
Haileybury	46	1	12	33	2	15
Haldimand	120	1	46	73	1	70
Halton Hills	573	4	158	411	4	212
Hamilton	5,804	15	2,193	3,596	15	3,098
Hanover	95	-	28	67	-	44
Harriston	18	-	4	14	-	6
Harrow	39	-	12	27	-	14
Hastings	2	-	-	2	-	-
Havelock	11	-	4	7	-	6
Hawkesbury	177	-	39	138	-	61
Hawkestone	1	-	1	-	-	1
Hearst	56	1	13	42	1	21
Hensall	10	-	1	9	-	1
Hepworth	2	-	2	-	-	2
Highgate	3	-	2	1	-	2
Hillsburgh	7	-	3	4	-	4
Hillsdale	1	-	-	1	-	-
Huntsville	105	1	29	75	1	38
Ingersoll	137	-	40	97	-	48
Iron Bridge	1	-	-	1	-	-
Iroquois	3	-	-	3	-	-
Iroquois Falls	79	-	17	62	-	21
Kanata	287	1	85	201	1	125
Kapuskasing	156	-	63	93	-	78
Keewatin	35	-	14	21	-	18
Kemptville	24	-	5	19	-	5
Kenora	207	-	62	145	-	85

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Killaloe Station	1	-	1	-	-	1
Kincardine	58	-	16	42	-	22
Kingston	1,307	-	410	897	-	548
Kingsville	43	-	13	30	-	18
Kirkland Lake	177	1	33	143	1	41
Kitchener	2,830	9	915	1,906	9	1,261
Komoka	1	-	-	1	-	-
Lakefield	43	-	11	32	-	14
Lanark	6	-	-	6	-	-
Lancaster	10	-	2	8	-	3
Leamington	284	1	68	215	1	83
Lincoln	195	2	82	111	3	116
Lindsay	221	-	62	159	-	94
Lions Head	1	-	-	1	-	-
Listowel	99	-	26	73	-	38
Little Current	9	-	2	7	-	2
London	5,416	11	1,992	3,413	11	2,794
Longlac	23	-	9	14	-	11
L'Orignal	11	-	3	8	-	4
Lucan	14	-	3	11	-	7
Lucknow	6	-	2	4	-	2
Madoc	12	-	2	10	-	2
Magnetawan	3	-	-	3	-	-
Markdale	15	-	4	11	-	4
Markham	1,019	6	307	706	7	435
Marmora	19	-	5	14	-	9
Massey	3	-	1	2	-	2
Mattawa	16	-	9	7	-	12
Maxville	9	-	-	9	-	-
Meaford	52	-	11	41	-	17
Merlin	5	-	1	4	-	1
Merrickville	8	-	1	7	-	1
Metropolitan Toronto	43,009	80	14,706	28,223	86	20,442
East York	1,265	1	430	834	1	587
Etobicoke	4,758	10	1,743	3,005	12	2,459
North York	10,339	16	3,760	6,563	17	5,435
Scarborough	6,917	20	2,426	4,471	22	3,485
Toronto	17,780	27	5,674	12,079	28	7,514
York	1,950	6	673	1,271	6	962
Midland	191	-	73	118	-	111
Mildmay	8	-	4	4	-	5
Millbrook	12	-	3	9	-	4
Milton	545	6	192	347	11	279
Milverton	12	-	1	11	-	3
Mississauga	5,422	14	1,837	3,571	14	2632
Mitchell	49	-	5	44	-	9
Moorefield	1	-	-	1	-	-
Morrisburg	18	-	2	16	-	2

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Mount Forest	62	1	7	54	1	10
Nanticoke	284	2	91	191	4	141
Napanee	100	-	42	58	-	61
Nepean	1,223	3	357	863	3	491
Neustadt	4	-	2	2	-	2
Newburgh	1	-	1	-	-	1
Newbury	1	-	-	1	-	-
Newcastle	439	6	154	279	6	232
New Liskeard	83	-	20	63	-	30
Newmarket	356	2	105	249	2	166
Niagara-on-the-Lake	208	3	79	126	3	128
Niagara Falls	1,528	12	531	985	13	736
Nickel Centre	77	2	31	44	2	45
North Bay	754	4	247	503	4	342
Norwood	11	-	3	8	-	4
Nottawa	2	-	1	1	-	1
Oakville	1,223	4	413	806	6	595
Oil Springs	5	-	3	2	-	3
Omemee	7	-	2	5	-	4
Onaping Falls	25	-	8	17	-	9
Orangeville	255	-	78	177	-	110
Orillia	390	1	114	275	1	172
Oshawa	2,234	4	806	1,424	4	1,148
Ottawa	9,254	18	2,337	6,899	20	3,003
Owen Sound	278	1	85	192	2	108
Paisley	4	-	1	3	-	1
Palmerston	26	-	7	19	-	8
Paris	81	-	25	56	-	35
Parkhill	12	-	4	8	-	7
Parry Sound	88	-	30	58	-	43
Pelham	156	-	55	101	-	81
Pembroke	266	1	68	197	1	92
Penetanguishene	67	-	8	59	-	12
Perth	121	-	34	87	-	39
Petawawa	38	-	9	29	-	19
Peterborough	1,240	3	442	795	3	587
Petrolia	56	-	7	49	-	10
Pickering	449	4	165	280	4	244
Picton	69	-	16	53	-	21
Plantagenet	9	-	2	7	-	2
Point Edward	32	-	10	22	-	11
Port Burwell	7	-	1	6	-	1
Port Colborne	295	2	86	207	2	119
Port Elgin	82	-	23	59	-	31
Port Hope	105	-	38	67	-	51

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Port McNicoll	5	-	3	2	-	3
Port Stanley	22	-	3	19	-	5
Powassan	4	-	-	4	-	-
Prescott	73	-	23	50	-	31
Rainy River	17	-	2	15	-	3
Rayside-Balfour	87	-	29	58	-	37
Renfrew	138	-	42	96	-	66
Richmond Hill	530	4	185	341	4	284
Ridgetown	27	-	7	20	-	11
Rockliffe Park	34	-	7	27	-	8
Rockland	53	-	19	34	-	26
Rockwood	4	-	1	3	-	1
Rodney	7	-	3	4	-	4
Rosseau	2	-	1	1	-	4
Russell	2	-	1	1	-	1
St. Catharines	2,366	7	785	1,574	7	1,125
St. Clair Beach	13	-	6	7	-	14
St. Isidore de Prescott	8	-	2	6	-	4
St. Marys	75	1	21	53	1	28
St. Thomas	461	-	134	327	-	187
Sarnia	1,285	1	377	907	1	503
Sault Ste. Marie	1,867	8	553	1,306	8	757
Seaforth	30	-	4	26	-	4
Shallow Lake	1	-	-	1	-	-
Shelburne	28	-	3	25	-	3
Simcoe	298	2	100	196	2	142
Sioux Lookout	49	-	6	43	-	8
Smiths Falls	218	1	48	169	1	67
Smooth Rock Falls	12	-	-	12	-	-
Southampton	42	-	15	27	-	27
South River	3	-	-	3	-	-
Spencerville	1	-	-	1	-	-
Springfield	1	-	-	1	-	-
Stayner	28	-	7	21	-	8
Stirling	29	-	9	20	-	9
Stoney Creek	478	-	181	297	-	243
Stratford	516	1	148	367	1	191
Strathroy	108	1	40	67	1	58
Sturgeon Falls	84	-	20	64	-	25
Sudbury	2,028	6	756	1,266	6	1,091
Sundridge	4	-	1	3	-	1
Tara	2	-	1	1	-	19
Tecumseh	98	1	35	62	1	42
Teeswater	6	-	1	5	-	1
Thamesville	11	-	5	6	-	5

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Thedford	7	-	3	4	-	4
Thessalon	10	-	6	4	-	9
Thornbury	16	-	1	15	-	1
Thorold	234	1	70	163	2	95
Thunder Bay	3,258	5	853	2,400	6	1,179
Tilbury	77	-	24	53	-	30
Tillsonburg	189	-	47	142	-	64
Timmins	946	2	282	662	2	370
Tiverton	2	-	2	-	-	2
Tottenham	17	-	5	12	-	6
Trenton	296	1	88	207	1	124
Tweed	18	-	5	13	-	5
Valley East	254	4	110	140	4	179
Vanier	582	1	170	411	1	206
Vankleek Hill	11	-	4	7	-	8
Vaughan	803	6	285	512	8	440
Victoria Harbour	15	-	5	10	-	6
Walden	69	1	25	43	1	40
Walkerton	63	-	17	46	-	27
Wallaceburg	204	1	61	142	1	85
Wardsville	1	-	1	-	-	2
Warkworth	3	-	-	3	-	-
Wasaga Beach	107	-	35	72	-	55
Waterloo	1,081	1	332	748	1	442
Watford	18	1	3	14	1	5
Webbwood	3	-	-	3	-	-
Welland	890	3	255	632	3	344
Wellington	13	1	3	9	1	6
West Lorne	13	-	4	9	-	6
Westport	12	-	4	8	-	5
Wheatley	12	-	1	11	-	1
Whitby	672	2	282	388	2	407
Whitchurch-Stouffville	144	1	53	90	1	78
Wiarton	30	-	12	18	-	20
Williamsburg	3	-	2	1	-	2
Winchester	13	-	2	11	-	2
Winchester Springs	1	-	1	-	-	1
Windsor	4,993	10	1,819	3,164	11	2,648
Wingham	36	-	7	29	-	10
Woodstock	567	-	182	385	-	260
Woodville	3	-	-	3	-	-
Wroxeter	1	-	-	1	-	-
Wyoming	14	-	2	12	-	2
Zurich	2	-	-	2	-	-
Total	137,039	375	44,950	91,714	408	62,672

Summary of Motor Vehicle Traffic Accident Statistics
Number of Accidents

Ontario 1984

	Total	Fatal	Personal Injury	Property Damage Only
Accident Involves*				
Single Motor Vehicle	**43,929**	361	16,618	26,950
or				
Motor Vehicle And Other Motor Vehicle/s	**136,974**	399	39,493	97,082
Pedestrian	**5,422**	170	5,242	10
Cyclist	**4,255**	50	4,143	62
Railway Train	**173**	14	61	98
Street Car	**376**	—	77	299
Farm Tractor	**226**	4	69	153
Animal	**3,097**	3	301	2,793
Other	**330**	10	97	223
Total	**194,782**	**1,011**	**66,101**	**127,670**
Month of Occurrence				
January	**18,163**	55	4,792	13,316
February	**14,431**	37	4,005	10,389
March	**15,261**	48	4,211	11,002
April	**11,827**	72	4,195	7,560
May	**14,471**	85	5,379	9,007
June	**15,877**	109	6,448	9,320
July	**15,667**	108	6,512	9,047
August	**16,664**	128	6,641	9,895
September	**16,221**	107	6,064	10,050
October	**17,007**	99	6,047	10,861
November	**19,026**	83	6,230	12,713
December	**20,167**	80	5,577	14,510
Total	**194,782**	**1,011**	**66,101**	**127,670**
Day of Occurrence				
Sunday	**22,470**	166	8,384	13,920
Monday	**25,944**	106	8,707	17,131
Tuesday	**25,553**	104	8,471	16,978
Wednesday	**26,032**	109	8,549	17,374
Thursday	**28,538**	118	9,433	18,987
Friday	**35,891**	187	11,841	23,863
Saturday	**30,354**	221	10,716	19,417
Total	**194,782**	**1,011**	**66,101**	**127,670**
Hour of Occurrence				
12 to 1 A.M.	**4,745**	55	1,672	3,018
1 to 2 "	**6,474**	76	2,550	3,848
2 to 3 "	**4,233**	58	1,594	2,581
3 to 4 "	**2,296**	20	871	1,405
4 to 5 "	**1,528**	19	566	943
5 to 6 "	**1,370**	17	502	851
6 to 7 "	**3,379**	20	1,139	2,220
7 to 8 "	**7,472**	27	2,409	5,036
8 to 9 "	**10,606**	24	3,394	7,188
9 to 10 "	**7,376**	21	2,083	5,272
10 to 11 "	**8,177**	29	2,439	5,709
11 to 12 "	**9,695**	27	3,051	6,617
12 to 1 P.M.	**10,650**	41	3,482	7,127
1 to 2 "	**10,606**	28	3,415	7,163
2 to 3 "	**11,200**	39	3,603	7,558
3 to 4 "	**14,210**	39	4,932	9,239
4 to 5 "	**16,438**	70	5,759	10,609
5 to 6 "	**14,491**	46	5,179	9,266
6 to 7 "	**10,837**	67	3,835	6,935
7 to 8 "	**9,472**	71	3,480	5,921
8 to 9 "	**8,078**	62	2,994	5,022
9 to 10 "	**6,970**	40	2,504	4,426
10 to 11 "	**6,097**	52	2,231	3,814
11 to 12 "	**5,993**	53	2,179	3,761
Not Known	**2,389**	10	238	2,141
Total	**194,782**	**1,011**	**66,101**	**127,670**

*Based on initial impact

	Total	Fatal	Personal Injury	Property Damage Only
Light Conditions				
Daylight	**124,462**	449	41,974	82,039
Dawn	**2,463**	12	829	1,622
Dusk	**6,892**	34	2,334	4,524
Darkness	**60,965**	516	20,964	39,485
Total	**194,782**	**1,011**	**66,101**	**127,670**
Road Surface Cond.				
Dry	**115,052**	712	42,043	72,297
Wet	**48,264**	187	16,266	31,811
Loose Snow	**8,860**	25	2,043	6,792
Slush	**5,087**	22	1,262	3,803
Packed Snow	**6,542**	18	1,413	5,111
Ice	**9,611**	39	2,547	7,025
Mud	**107**	—	27	80
Loose Sand or Gravel	**1,259**	8	500	751
Total	**194,782**	**1,011**	**66,101**	**127,670**
Road Condition				
Good	**190,240**	988	64,626	124,626
Under Repair	**961**	9	322	630
Under Construction	**1,941**	6	623	1,312
Other	**1,640**	8	530	1,102
Total	**194,782**	**1,011**	**66,101**	**127,670**
Road Type				
Asphalt	**183,698**	927	62,211	120,560
Gravel or Crushed Stone	**7,377**	67	2,599	4,711
Concrete	**2,882**	7	1,011	1,864
Earth	**515**	4	174	337
Other	**310**	6	106	198
Total	**194,782**	**1,011**	**66,101**	**127,670**
Visibility				
Clear	**149,301**	814	51,729	96,758
Rain	**25,054**	92	8,543	16,419
Snow or Sleet	**15,526**	54	4,025	11,447
Fog, Mist, Smoke or Dust	**4,901**	51	1,804	3,046
Total	**194,782**	**1,011**	**66,101**	**127,670**
Place of Occurrence				
Urban Area	**136,432**	310	44,669	91,453
Kings Highway (Inc. Sec. Hwy.)	**36,107**	403	13,275	22,429
Other	**22,243**	298	8,157	13,788
Total	**194,782**	**1,011**	**66,101**	**127,670**
Road Location				
Non-Intersection	**76,408**	596	25,590	50,222
Intersection-Related	**28,907**	60	10,061	18,786
In Intersection	**54,659**	195	20,512	33,952
Intersection with Private Drive	**31,633**	112	8,801	22,720
At Railway Crossing	**617**	16	214	387
Underpass or Tunnel	**441**	10	149	282
Overpass or Bridge	**1,958**	22	715	1,221
Other	**159**	—	59	100
Total	**194,782**	**1,011**	**66,101**	**127,670**

Summary of Motor Vehicle Traffic Accident Statistics
Number of Drivers and Pedestrians

Ontario 1984

	In All Accidents	In Fatal	In Personal Injury	In Property Damage Only
Sex of Driver				
Male	**233,774**	1,306	81,041	151,427
Female	**83,733**	271	29,658	53,804
Not Known	**16,444**	5	2,855	13,584
Total	**333,951**	**1,582**	**113,554**	**218,815**
Age of Driver				
Under 16	**365**	6	164	195
16-19 Years	**34,171**	175	12,512	21,484
20-24 "	**59,719**	333	21,307	38,079
25-34 "	**85,443**	414	29,657	55,372
35-44 "	**58,773**	266	20,527	37,980
45-54 "	**36,910**	169	12,583	24,158
55-64 "	**25,936**	110	8,594	17,232
65 & Over	**16,190**	101	5,272	10,817
Not Known	**16,444**	8	2,938	13,498
Total	**333,951**	**1,582**	**113,554**	**218,815**
Licence of Driver				
Licensed	**300,450**	1,404	104,217	194,829
Unlicensed	**6,117**	103	2,750	3,264
Not Known	**27,384**	75	6,587	20,722
Total	**333,951**	**1,582**	**113,554**	**218,815**
Residence of Driver				
Alberta	**520**	4	195	321
British Columbia	**252**	—	93	159
Manitoba	**324**	3	99	222
New Brunswick	**129**	2	36	91
Newfoundland	**64**	1	25	38
Nova Scotia	**136**	—	38	98
Ontario	**309,850**	1,522	108,027	200,301
Prince Edward Island	**27**	—	10	17
Quebec	**3,096**	11	903	2,182
Saskatchewan	**81**	1	31	49
Yukon and Northwest Territories	**15**	—	8	7
United States	**2,866**	26	1,078	1,762
Other Foreign	**332**	2	118	212
Not Known	**16,259**	10	2,893	13,356
Total	**333,951**	**1,582**	**113,554**	**218,815**
Condition of Driver				
Normal	**281,984**	988	95,140	185,856
Had Been Drinking	**15,094**	211	7,221	7,662
Ability Impaired Alcohol	**8,645**	281	3,999	4,365
Ability Impaired Drugs	**134**	—	56	78
Fatigue	**1,147**	5	547	595
Medical or Physical Defect	**647**	6	334	307
Not Known	**25,992**	90	6,130	19,772
Other	**308**	1	127	180
Total	**333,951**	**1,582**	**113,554**	**218,815**
Apparent Driver Action				
Driving Properly	**144,064**	605	51,047	92,412
Following Too Close	**17,379**	3	6,911	10,465
Speed Too Fast	**27,338**	356	11,233	15,749
Improper Turn	**13,354**	11	3,397	9,946
Disobey Traffic Signal	**6,565**	19	2,765	3,781
Disobey Stop Sign	**3,849**	46	1,755	2,048
Fail to Yield Right-Of-Way	**36,372**	116	10,684	25,272
Improper Passing	**5,285**	33	1,390	3,862
Lost Control	**23,197**	115	8,093	14,989
Wrong Way On One-Way Road	**319**	3	126	190
Disobey Other Controls	**154**	3	55	96
Not Known	**30,859**	156	7,530	23,173
Other	**25,216**	116	8,568	16,532
Total	**333,951**	**1,582**	**113,554**	**218,815**

	Killed	Injured
Condition of Pedestrian		
Normal	97	4,530
Had Been Drinking	20	420
Ability Impaired Alcohol	38	138
Ability Impaired Drugs	—	4
Fatigue	—	3
Medical or Physical Defect	7	98
Not Known	25	504
Other	2	70
Total	**189**	**5,767**
Pedestrian Action		
Crossing Intersection With Right of Way	7	1,076
Crossing Intersection Without Right of Way	11	424
Crossing Intersection, No Traffic Control	8	135
Crossing Pedestrian Crossover	2	194
Walking on Roadway With Traffic	12	207
Walking on Roadway Against Traffic	11	90
On Sidewalk or Shoulder	11	362
Coming From Behind Parked Vehicle or Object	6	351
Playing or Working on Highway	4	93
Running into Roadway	25	1,151
Crossing Through Traffic	61	854
Other	31	830
Total	**189**	**5,767**

Summary of Motor Vehicle Traffic Accident Statistics
Number of Victims

Ontario 1984

Type of Accident		Age of Persons Killed: Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Age of Persons Injured: Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Single Motor Vehicle		386	4	4	79	113	83	35	23	16	26	3	22,942	246	764	5,417	5,795	5,109	2,556	1,404	899	642	110
Collision With Motor Vehicle And	Other Motor Veh's	469	6	12	52	99	82	57	33	61	67	—	63,563	1,024	3,192	7,469	11,329	14,968	10,154	6,849	4,883	3,447	248
	Pedestrian	179	6	23	17	18	12	18	19	12	54	—	5,558	261	1,481	662	582	747	477	368	350	566	64
	Cyclist	51	—	33	8	1	5	5	3	2	1	3	4,329	45	1,362	1,016	697	447	144	79	62	44	433
	Railway Train	25	—	4	6	4	7	2	1	1	—	—	84	—	5	8	12	18	16	10	12	3	—
	Street Car	—	—	—	—	—	—	—	—	—	—	—	108	—	6	5	21	26	25	17	6	2	—
	Farm Tractor	5	—	—	2	1	1	—	1	1	—	—	109	4	3	20	17	24	15	9	14	3	—
	Animal	3	—	—	—	2	1	—	—	—	—	—	401	6	16	55	73	110	62	43	29	7	—
	Other	14	—	—	—	3	4	2	2	2	1	—	136	1	15	25	35	32	8	6	7	5	2
Total		1,132	16	66	164	241	195	119	81	95	149	6	97,230	1,587	6,844	14,677	18,561	21,481	13,457	8,785	6,262	4,719	857

Victim	Victims By Class and Age Group — Killed: Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Victims By Class and Age Group — Injured: Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Driver	460	1	—	41	99	108	63	44	46	55	3	48,674	3	20	5,115	9,252	13,473	9,209	5,715	3,684	2,148	55
Passenger	282	9	18	66	58	34	20	13	27	37	—	31,865	1,276	3,821	5,791	5,678	5,348	3,196	2,458	2,098	1,934	265
Pedestrian	189	6	23	18	20	13	19	19	16	55	—	5,767	265	1,498	676	596	796	505	407	373	578	73
Bicyclist	50	—	23	7	1	5	5	3	2	1	3	4,262	33	1,352	1,011	685	438	126	77	59	37	444
Motorcycle Driver*	124	—	1	27	54	27	11	2	2	—	—	5,388	—	43	1,608	1,954	1,252	360	102	43	16	10
Motorcycle Passenger	19	—	1	4	9	5	—	—	—	—	—	1,036	1	55	415	343	150	50	14	1	—	7
Other**	8	—	—	1	—	3	1	—	2	1	—	238	9	55	61	53	24	11	12	4	6	3
Total	1,132	16	66	164	241	195	119	81	95	149	6	97,230	1,587	6,844	14,677	18,561	21,481	13,457	8,785	6,262	4,719	857

	Victims By Age Group and Sex — Killed: Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Victims By Age Group and Sex — Injured: Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Male	798	6	45	118	200	149	89	54	50	83	4	56,193	851	3,819	9,136	11,898	12,703	7,291	4,629	3,211	2,196	459
Female	334	10	21	46	41	46	30	27	45	66	2	40,909	734	3,024	5,539	6,657	8,777	6,163	4,154	3,051	2,522	288
Not Recorded	—	—	—	—	—	—	—	—	—	—	—	128	2	1	2	6	1	3	2	—	1	110
Total	1,132	16	66	164	241	195	119	81	95	149	6	97,230	1,587	6,844	14,677	18,561	21,481	13,457	8,785	6,262	4,719	857

	Victims By Class and Sex: Total	Driver	Passenger	Pedestrian	Bicyclist	Motorcycle Driver*	Motorcycle Passenger	Other**
Killed								
Male	798	365	139	118	41	120	8	7
Female	334	95	143	71	9	4	11	1
Total	1,132	460	282	189	50	124	19	8
Injured								
Male	56,193	31,562	12,469	3,132	3,120	5,160	565	185
Female	40,909	17,086	19,363	2,618	1,095	224	471	52
Not Rec'd	128	26	33	17	47	4	—	1
Total	97,230	48,674	31,865	5,767	4,262	5,388	1,036	238

Victims by Road Jurisdiction	Killed	Injured
Municipal (Excl. Tp. Rd.)	334	62,145
Provincial Highway	459	22,428
Township	133	6,285
County or District	99	3,955
Regional Mun.	93	1,908
Other	14	509
Total	1,132	97,230

Victims By Month of Occurrence					
Month	Killed	Injured	Month	Killed	Injured
Jan.	65	7,179	July	128	9,678
Feb.	41	5,804	Aug.	137	9,861
Mar.	59	6,321	Sept.	123	8,883
Apr.	78	6,129	Oct.	113	8,819
May	90	7,743	Nov.	89	9,269
June	115	9,223	Dec.	94	8,321
			Total	1,132	97,230

*Includes Moped Driver

**Includes Moped Passenger

Summary of Motor Vehicle Traffic Accident Statistics
Number of Vehicles

Ontario 1984

	In All Accidents	In Fatal	Personal Injury	Property Damage
Type of Vehicle				
Passenger Car	**271,721**	1,071	89,899	180,751
Passenger Car & Trailer	**647**	4	182	461
Truck	**49,528**	276	14,527	34,725
Truck & Trailer	**911**	1	233	677
Tractor & Semi-Trailer	**6,231**	96	1,753	4,382
Motorcycle	**6,553**	144	5,578	831
Bus	**2,514**	5	898	1,611
School Bus/Vehicle	**1,100**	2	304	794
Other Motor Vehicle/ Unknown	**13,342**	14	2,489	10,839
Non Motor Vehicle	**5,816**	76	4,720	1,020
Total	**358,363**	**1,689**	**120,583**	**236,091**
Condition of Vehicle				
No Apparent Defect	**329,996**	1,472	112,853	215,671
Service Brakes Defective	**1,361**	16	616	729
Steering Defective	**297**	2	117	178
Tire Puncture or Blow Out	**940**	6	354	580
Tire Tread Insufficient	**741**	21	374	346
Headlamps Defective	**204**	7	124	73
Other Lamps or Reflectors Defective	**467**	4	136	327
Engine Controls Defective	**605**	5	181	419
Wheels or Suspension Defective	**372**	6	94	272
Vision Obscured	**207**	1	67	139
Trailer Hitch Defective	**91**	—	13	78
Other Defects	**2,194**	19	686	1,489
Not Known	**20,888**	130	4,968	15,790
Total	**358,363**	**1,689**	**120,583**	**236,091**
Model Year of Vehicle				
1985	**1,588**	9	501	1,078
1984	**30,125**	145	10,535	19,445
1983	**28,133**	140	9,996	17,997
1982	**25,837**	129	9,138	16,570
1981	**33,220**	125	11,139	21,956
1980	**32,468**	136	10,687	21,645
1979	**33,319**	146	10,782	22,391
1978 & Earlier	**154,714**	724	51,483	102,507
Not Known	**18,959**	135	6,322	12,502
Total	**358,363**	**1,689**	**120,583**	**236,091**

	In All Accidents	In Fatal	Personal Injury	Property Damage
Vehicle Manoeuver				
Going ahead	**196,146**	1,355	72,720	122,071
Slowing/Stopping	**23,812**	59	9,129	14,624
Overtaking	**6,108**	58	1,875	4,175
Turning Left	**37,742**	70	12,264	25,408
Turning Right	**11,622**	9	3,072	8,541
Making "U" Turn	**1,383**	4	432	947
Changing Lanes	**11,693**	28	2,619	9,046
Merging	**1,107**	1	269	837
Reversing	**9,256**	7	917	8,332
Stopped or Parked	**47,466**	59	15,092	32,215
Pulling Away From Shoulder or Curb	**2,444**	6	423	2,015
Pulling Onto Shoulder or Into Curb	**639**	3	164	472
Not Known or Other	**8,945**	30	1,607	7,308
Total	**358,363**	**1,689**	**120,583**	**236,091**
Insurance				
Insured	**331,872**	1,565	110,756	219,551
Not Insured	**5,914**	71	4,159	1,684
Not Known	**20,577**	53	5,668	14,856
Total	**358,363**	**1,689**	**120,583**	**236,091**

Amount of Property Damage

$461,533,108.00

Ontario

Ministry of
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Communications

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ISSN 0707-2821

JUL 5 1990